

**El Paso Natural Gas  
Permit Number V95-011  
August 21, 2001**

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**Permit Conditions**  
**Permit Number V95-011**  
**August 21, 2001**

**In accordance with Maricopa County Air Pollution Control Rules and Regulations (Rules), Rule 210 §302.2, all Conditions of this Permit are federally enforceable unless they are identified as being locally enforceable only. However, any Permit Condition identified as locally enforceable only will become federally enforceable if, during the term of this Permit, the underlying requirement becomes a requirement of the Clean Air Act (CAA) or any of the CAA's applicable requirements.**

**All federally enforceable terms and conditions of this Permit are enforceable by the Administrator of the United States Environmental Protection Agency (Administrator or Administrator of the USEPA hereafter) and citizens under the CAA.**

**Any cited regulatory paragraphs or section numbers refer to the version of the regulation that was in effect on the first date of public notice of the applicable Permit Condition unless specified otherwise.**

**STANDARD CONDITIONS**

**1. AIR POLLUTION PROHIBITED:** [County Rule 100 §301] [SIP Rule 3]

The Permittee shall not discharge from any source whatever into the atmosphere regulated air pollutants which exceed in quantity or concentration that specified and allowed in the County or State Implementation Plan (SIP) Rules, the Arizona Administrative Code (AAC) or the Arizona Revised Statutes (ARS), or which cause damage to property or unreasonably interfere with the comfortable enjoyment of life or property of a substantial part of a community, or obscure visibility, or which in any way degrade the quality of the ambient air below the standards established by the Maricopa County Board of Supervisors or the Director of the Arizona Department of Environmental Quality (ADEQ).

**2. CIRCUMVENTION:** [County Rule 100 §104] [40 CFR 60.12] [40 CFR 63.4(b)]

The Permittee shall not build, erect, install, or use any article, machine, equipment, condition, or any contrivance, the use of which, without resulting in a reduction in the total release of regulated air pollutants to the atmosphere, conceals or dilutes an emission which would otherwise constitute a violation of this Permit or any Rule or any emission limitation or standard. The Permittee shall not circumvent the requirements concerning dilution of regulated air pollutants by using more emission openings than is considered normal practice by the industry or activity in question.

**3. CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS:**  
[County Rule 100 §401] [County Rule 210 §§301.7, 302.1 e (1), 305.1 c (1) & 305.1e]

Any application form, report, or compliance certification submitted under the County Rules or these Permit Conditions shall contain certification by a responsible official of truth, accuracy, and completeness of the application form or report as of the time of submittal. This certification and any other certification required under the County Rules or these Permit Conditions shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

#### 4. COMPLIANCE:

##### A. Compliance Required

- 1) The Permittee must comply with all conditions of this permit and with all applicable requirements of Arizona air quality statutes and the air quality rules. Compliance with permit terms and conditions does not relieve, modify, or otherwise affect the Permittee's duty to comply with all applicable requirements of Arizona air quality statutes and the Maricopa County Air Pollution Control Regulations. Any permit non-compliance is grounds for enforcement action; for a permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application. Noncompliance with any federally enforceable requirement in this Permit constitutes a violation of the Act. [This Condition is federally enforceable if the condition or requirement itself is federally enforceable and only locally enforceable if the condition or requirement itself is locally enforceable only]  
[County Rule 210 §§301.8b(4) & 302.1h(1)]
- 2) The Permittee shall halt or reduce the permitted activity in order to maintain compliance with applicable requirements of Federal laws, Arizona laws, the County Rules, or other conditions of this Permit.  
[County Rule 210 §302.1h(2)]
- 3) For any major source operating in a nonattainment area for any pollutant(s) for which the source is classified as a major source, the source shall comply with reasonably available control technology (RACT) as defined in County Rule 100.  
[County Rule 210 §302.1(h)(6)] [SIP Rule 220 §302.1]

Compliance with the RACT requirements of this Permit Condition for nitrogen oxides (NO<sub>x</sub>) shall not be required if a waiver granted by the Administrator under Section 182 (f) of the Clean Air Act is in effect.

##### B. Compliance Certification Requirements: [County Rule 210 §305.1d]

The Permittee shall file a semiannual compliance certification with the Control Officer and also with the Administrator of the USEPA. The report shall certify compliance with the terms and conditions contained in this Permit, including emission limitations, standards, or work practices. The certification shall be on a form supplied or approved by the Control Officer and shall include each of the following:

- 1) The identification of each term or condition of the permit that is the basis of the certification;
- 2) The compliance status;
- 3) Whether compliance was continuous or intermittent;
- 4) The method(s) used for determining the compliance status of the source, currently and over the reporting period; and
- 5) Other facts as the Control Officer may require to determine the compliance status of the source.

The semiannual certification shall be filed at the same time as the semiannual monitoring report required by the Specific Condition section of these Permit Conditions.

##### C. Compliance Plan [County Rule 210 §305.1g]

Based on the certified information contained in the application for this Permit, the facility is in compliance with all applicable requirements in effect as of the release date of the proposed conditions for this Permit. The Permittee shall continue to comply with all applicable requirements and shall meet any applicable requirements that may become effective during the term of this permit on a timely basis. [This Condition is federally enforceable if the applicable requirement itself is federally enforceable and only locally enforceable if the applicable requirement itself is locally enforceable only]

**5. CONFIDENTIALITY CLAIMS:**

[County Rule 100 §402] [County Rule 200 §411]

Any records, reports or information obtained from the Permittee under the County Rules or this Permit shall be available to the public, unless the Permittee files a claim of confidentiality in accordance with ARS §49-487(c) which:

- A. precisely identifies the information in the permit(s), records, or reports which is considered confidential, and
- B. provides sufficient supporting information to allow the Control Officer to evaluate whether such information satisfies the requirements related to trade secrets or, if applicable, how the information, if disclosed, could cause substantial harm to the person's competitive position.

The claim of confidentiality is subject to the determination by the Control Officer as to whether the claim satisfies the claim for trade secrets.

A claim of confidentiality shall not excuse the Permittee from providing any and all information required or requested by the Control Officer and shall not be a defense for failure to provide such information.

If the Permittee submits information with an application under a claim of confidentiality pursuant to ARS 49-487 and County Rule 200, the Permittee shall submit a copy of such information directly to the Administrator of the USEPA.

[County Rule 210 §301.5]

**6. CONTINGENT REQUIREMENTS:**

*NOTE: This Permit Condition covers activities and processes addressed by the CAA which may or may not be present at the facility. This condition is intended to meet the requirements of both Section 504(a) of the 1990 Amendments to the CAA, which requires that Title V permits contain conditions necessary to assure compliance with applicable requirements of the Act as well as the Acid Rain provisions required to be in all Title V permits.*

**A. Acid Rain**

[County Rule 210 §§302.1b(2) & 302.1f] [County Rule 371 §301]

- 1) Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated pursuant to Title IV of the CAA and incorporated pursuant to County Rule 371, both provisions shall be incorporated into this Permit and shall be enforceable by the Administrator.
- 2) The Permittee shall not allow emissions exceeding any allowances that the source lawfully holds pursuant to Title IV of the CAA or the regulations promulgated thereunder and incorporated pursuant to County Rule 371.
  - a) No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program and incorporated pursuant to

County Rule 371, provided that such increases do not require a permit revision pursuant to any other applicable requirement.

- b) No limit is placed on the number of allowances held by the Permittee. The Permittee may not, however, use allowances as a defense to non-compliance with any other applicable requirement.
- c) Any such allowance shall be accounted for according to the procedures established in regulations promulgated pursuant to Title IV of the CAA.
- d) All of the following prohibitions apply to any unit subject to the provisions of Title IV of the CAA and incorporated into this Permit pursuant to County Rule 371:
  - (1) Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide held by the owners or operators of the unit or the designated representative of the owners or operators.
  - (2) Exceedances of applicable emission rates.
  - (3) The use of any allowance prior to the year for which it was allocated.
  - (4) Violation of any other provision of the permit.

B. Asbestos [40 CFR 61, Subpart M] [County Rule 370 §301.8 - locally enforceable only]

The Permittee shall comply with the applicable requirements of Sections 61.145 through 61.147 and 61.150 of the National Emission Standard for Asbestos and County Rule 370 for all demolition and renovation projects.

C. Risk Management Plan (RMP) [40 CFR 68]

Should this stationary source, as defined in 40 CFR 68.3, be subject to the accidental release prevention regulations in 40 CFR Part 68, then the Permittee shall submit an RMP by the date specified in 40 CFR Section 68.10 and shall certify compliance with the requirements of 40 CFR Part 68 as part of the annual compliance certification as required by 40 CFR Part 70. However, neither the RMP nor modifications to the RMP shall be considered to be a part of this Permit.

D. Stratospheric Ozone Protection [40 CFR 82 Subparts E, F, and G]

If applicable, the Permittee shall follow the requirements of 40 CFR 82.106 through 82.124 with respect to the labeling of products using ozone depleting substances.

If applicable, the Permittee shall comply with all of the following requirements with respect to recycling and emissions reductions:

- 1) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- 2) Equipment used during maintenance, service, repair, or disposal of appliances must meet the standards for recycling and recovery equipment in accordance with 40 CFR 82.158.

- 3) Persons performing maintenance, service, repair, or disposal of appliances must be certified by a certified technician pursuant to 40 CFR 82.161.

If applicable, the Permittee shall follow the requirements of 40CFR Subpart G, including all Appendices, with respect to the safe alternatives policy on the acceptability of substitutes for ozone-depleting compounds.

**7. DUTY TO SUPPLEMENT OR CORRECT APPLICATION** [County Rule 210 §301.6]

If the Permittee fails to submit any relevant facts or has submitted incorrect information in a permit application, the Permittee shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, the Permittee shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a proposed permit.

**8. EMERGENCY EPISODES** [County Rule 600 §302] [SIP Rule 72.A.5. e, f & g]

If an air pollution alert, warning, or emergency has been declared, the Permittee shall comply with any applicable requirements of County Rule 600 §302.

**9. EMERGENCY PROVISIONS:**

An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, that require immediate corrective action to restore normal operation, and that cause the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

An emergency constitutes an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the requirements of this Permit Condition are met.

The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- A. An emergency occurred and that the Permittee can identify the cause or causes of the emergency;
- B. At the time of the emergency, the permitted source was being properly operated;
- C. During the period of the emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in this permit; and
- D. The Permittee as soon as possible telephoned the Control Officer, giving notice of the emergency, and submitted notice of the emergency to the Control Officer by certified mail, facsimile, or hand delivery within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice fulfills the requirement of County Rule 210. This notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective action taken.

In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

This provision is in addition to any emergency or upset provision contained in any applicable requirement.

## 10. EXCESS EMISSIONS

[County Rule 140 §§401 & 402] [locally enforceable only]

*NOTE: This Permit Condition is based on a County Rule which has not been adopted into the State Implementation Plan and is therefore applicable only at the County level. There are reporting requirements associated with excess emissions. These requirements are contained in the Reporting section of the General Permit Conditions in a subparagraph called Excess Emissions. The definition of excess emissions can be found in County Rule 100 §200.*

- A. Emissions in excess of an applicable emission limitation contained in the Rules or in these Permit Conditions shall constitute a violation. For all situations that constitute an emergency as described in County Rule 130 §201, the requirements contained in County Rule 130 shall apply. In all other circumstances, it shall be an affirmative defense if the Permittee has complied with the reporting requirements of County Rule 140 §500 and these Permit Conditions in a timely manner and has demonstrated all of the following:
- 1) The excess emissions resulted from a sudden and unavoidable breakdown of the process equipment or the air pollution control equipment, resulted from unavoidable conditions during startup or shutdown, resulted from unavoidable conditions during an upset of operations, or greater or more extended excess emissions would result unless scheduled maintenance is performed;
  - 2) The source's air pollution control equipment, process equipment, or processes were at all times maintained and operated in a manner consistent with good practice for minimizing emissions;
  - 3) Where repairs were required, such repairs were made in an expeditious fashion when the applicable emission limitations were being exceeded and off-shift labor and overtime were utilized where practical to insure that such repairs were made as expeditiously as possible. If off-shift labor and overtime were not utilized, the Permittee satisfactorily demonstrated that such measures were impractical;
  - 4) The amount and duration of the excess emissions (including any bypass operation) were minimized to the maximum extent practicable during periods of such emissions;
  - 5) All reasonable steps were taken to minimize the impact of the excess emissions on potential violations of ambient air quality standards;
  - 6) The excess emissions were not part of a recurring pattern indicative of inadequate design, operation, or maintenance; and
  - 7) During the period of excess emissions, there were no measured violations of the ambient air quality standards established in County Rule 510 which could be attributed to the emitting source.
- B. It shall be the burden of the Permittee to demonstrate, through submission of the data and information required by this Permit Condition that all reasonable and practicable measures within the Permittee's control were implemented to prevent the occurrence of excess emissions.

## 11. FEES

[County Rule 200 §409] [County Rule 210 §§302.1i & 401]

The Permittee shall pay fees to the Control Officer pursuant to ARS 49-480(D) and County Rule 280.



## 12. MODELING

[County Rule 200 §407] [locally enforceable only]

Where the Control Officer requires the Permittee to perform air quality impact modeling, the Permittee shall perform the modeling in a manner consistent with the "Guideline on Air Quality Models (Revised)" (EPA-450/2-78-027R, U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, N.C. 27711, July 1986) and "Supplement B to the Guideline on Air Quality Models" (U.S. Environmental Protection Agency, September 1990). Both documents shall be referred to hereinafter as "Guideline", and are adopted by reference. Where the person can demonstrate that an air quality impact model specified in the guideline is inappropriate, the model may be modified or another model substituted if found to be acceptable to the Control Officer.

## 13. MONITORING / TESTING

A. The Permittee shall monitor, sample, or perform other studies to quantify emissions of regulated air pollutants or levels of air pollution that may reasonably be attributable to the facility if required to do so by the Control Officer, either by Permit or by order in accordance with County Rule 200 §309.  
[County Rule 200 §309] [SIP Rule 41]

B. Except as otherwise specified in these Permit Conditions or by the Control Officer, the Permittee shall conduct required testing used to determine compliance with standards or permit conditions established pursuant to the County or SIP Rules or these Permit Conditions in accordance with County Rule 270 and the applicable testing procedures contained in the Arizona Testing Manual for Air Pollutant Emissions or other approved USEPA test methods.  
[County Rule 200 §408] [County Rule 270 §§300 & 400] [SIP Rule 27]

C. The Permittee may use equivalent test methods and procedures in lieu of those described in this paragraph if approved by the Control Officer.  
[County Rule 270 §402]

D. The owner or operator of a permitted source shall provide, or cause to be provided, performance testing facilities as follows:

- 1) Sampling ports adequate for test methods applicable to such source.
- 2) Safe sampling platform(s).
- 3) Safe access to sampling platforms(s).
- 4) Utilities for sampling and testing equipment.

[County Rule 270 §405] [SIP Rule 42]

## 14. PERMITS

A. Basic

This Permit may be revised, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any Permit Condition.

B. Dust Control Plan Requirements

- 1) The following describe the permit applications with which a Dust Control Plan must be submitted. *(NOTE: If the Permittee engages in or allows any routine dust generating activities at the facility, the Permittee shall apply to have the routine dust generating activity covered as part of this Permit. Nonroutine activities, such as construction and revegetation, require a*

*separate Earthmoving Permit that must be obtained from the Control Officer before the activity may begin.)*

- a) If the Permittee is required to obtain an Earthmoving Permit under Regulation II (Permits And Fees) of the County Rules, then the Permittee must first submit a Dust Control Plan and obtain the Control Officer's approval of the Dust Control Plan before commencing any dust generating operation.
- b) The Permittee must first submit a Dust Control Plan and obtain the Control Officer's approval of the Dust Control Plan before commencing any routine dust generating operation.

[County Rule 310 §303.3] [SIP Rule 310 §303.3]

- 2) A Dust Control Plan shall not be required to play on a ballfield and/or for landscape maintenance. For the purpose of this Permit Condition, landscape maintenance does not include grading, trenching, nor any other mechanized surface disturbing activities.

[County Rule 200 §305] [County Rule 310 §303.4] [SIP Rule 310 §303.4]

- 3) Any Dust Control Plan shall, at a minimum, contain all the information described in Section 304 of Rule 310.

[County Rule 310 §304] [SIP Rule 310 §304]

- 4) Compliance with this section does not effect a source's responsibility to comply with the other standards of Rule 310 and these Permit Conditions. Failure to comply with the provisions of an approved Dust Control Plan or the work practice standards contained in Rule 310 §308 is deemed to be a violation of this Permit. Regardless of whether an approved Dust Control Plan is in place or not, the Permittee is still subject to all requirements of Rule 310 at all times. In addition, if the Permittee has an approved Dust Control Plan, the Permittee is still subject to all of the requirements of Rule 310, even if the Permittee is complying with the approved Dust Control Plan.

[County Rule 310 §303] [SIP Rule 310 §303]

- 5) The Permittee shall make revisions to any required Dust Control Plan when notified in writing by the Control Officer that implementation of the existing dust control plan allowed an exceedance of the standards established in Rule 310 §§301 or 302. The revised Dust Control Plan shall be submitted to the Control Officer within 3 working days of receiving the notice. During the time when the Dust Control Plan is being revised, the Permittee must still comply with the requirements of this Permit and Rule 310.

[County Rule 310 §305] [SIP Rule 310 §305]

C. Permits and Permit Changes, Amendments and Revisions

[County Rule 200 §§301 & 308] [County Rule 210 §§301.4a, b, c, & 400]

- 1) The Permittee shall comply with the Administrative Requirements of Section 400 of County Rule 210 for all changes, amendments and revisions at the facility for any source subject to regulation under County Rule 200, shall comply with all required time frames, and shall obtain any required preapproval from the Control Officer before making changes. All applications shall be filed in the manner and form prescribed by the Control Officer. The application shall contain all the information necessary to enable the Control Officer to make the determination to grant or to deny a permit or permit revision including information listed in County Rule 200 §308 and County Rule 210 §§301 & 302.3.

- 2) The Permittee shall supply a complete copy of each application for a permit, a minor permit revision, or a significant permit revision directly to the Administrator of the USEPA. The Control Officer may require the application information to be submitted in a computer-readable format compatible with the Administrator's national database management system.

[County Rule 210 §§303.1a, 303.2, 405.4, & 406.4]

- 3) While processing an application, the Control Officer may require the applicant to provide additional information and may set a reasonable deadline for a response.

[County Rule 210 §301.4.f]

- 4) No permit revision shall be required pursuant to any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.

[County Rule 210 §302.1j]

#### D. Posting

- 1) The Permittee shall keep a complete permit clearly visible and accessible on the site where the equipment is installed.

[County Rule 200 §311] [SIP Rule 22F]

- 2) If a Dust Control Plan, as required by Rule 310, has been approved by the Control Officer, the Permittee shall post a copy of the approved Dust Control Plan in a conspicuous location at the work site, within on-site equipment, or in an on-site vehicle, or shall otherwise keep a copy of the Dust Control Plan available on site at all times.

[County Rule 310 §401] [SIP Rule 310 §401]

#### E. Prohibition on Permit Modification

[County Rule 200 §310]

The Permittee shall not willfully deface, alter, forge, counterfeit, or falsify this permit.

#### F. Renewal

- 1) The Permittee shall submit an application for the renewal of this Permit in a timely and complete manner. For purposes of permit renewal, a timely application is one that is submitted at least six months, but not more than 18 months, prior to the date of permit expiration. A complete application shall contain all of the information required by the County Rules including Rule 200 §308 and Rule 210 §§301 & 302.3.

[County Rule 210 §§301.2a, 301.4a, b, c, d, h & 302.3]

- 2) The Permittee shall file all permit applications in the manner and form prescribed by the Control Officer. To apply for a permit renewal, the Permittee shall complete the "Standard Permit Application Form" and shall supply all information, including the information required by the "Filing Instructions" as shown in Appendix B of the County Rules, which is necessary to enable the Control Officer to make the determination to grant or to deny a permit which shall contain such terms and conditions as the Control Officer deems necessary to assure a source's compliance with the requirements of the CAA, A.R.S. and County Rules.

[County Rule 200 §§308 & 309] [County Rule 210 §301.1]

- 3) The Control Officer may require the Permittee to provide additional information and may set a reasonable deadline for a response.

[County Rule 210 §301.4f]

- 4) If the Permittee submits a timely and complete application for a permit renewal, but the Control Officer has failed to issue or deny the renewal permit before the end of the term of the previous permit, then the permit shall not expire until the renewal permit has been issued or denied. This protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit, by the deadline specified by the Control Officer, any additional information identified as being needed to process the application.

[County Rule 200 §403.2] [County Rule 210 §§301.4f & 301.9]

G. Revision / Reopening / Revocation

[County Rule 210 §302.1h(3)]

This Permit may be revised, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Permit revision, revocation and reissuance, or termination or of a notification of planned changes or anticipated noncompliance does not stay any Permit Condition.

H. Revision Pursuant To A Federal Hazardous Air Pollutant Standard

[County Rule 210 §301.2c] [locally enforceable only]

If the Permittee becomes subject to a standard promulgated by the Administrator pursuant to Section 112(d) of the CAA, the Permittee shall, within 12 months of the date on which the standard is promulgated, submit an application for a permit revision demonstrating how the source will comply with the standard.

I. Requirements for a Permit

1) Air Quality Permit:

Except as noted pursuant to the provisions in Sections 403 and 405 of County Rule 210, no source may operate after the time that it is required to submit a timely and complete application, except in compliance with a permit issued pursuant to County Rule 210. Permit expiration terminates the Permittee's right to operate. However, if a source submits a timely and complete application, as defined in County Rule 210 §301, for permit issuance, revision, or renewal, the source's failure to have a permit is not a violation of the County Rules until the Control Officer takes final action on the application. The Source's ability to operate without a permit as set forth in this paragraph shall be in effect from the date the application is determined to be complete until the final permit is issued. This protection shall cease to apply if, subsequent to the completeness determination, the applicant fails to submit, by the deadline specified in writing by the Control Officer, any additional information identified as being needed to process the application. If a source submits a timely and complete application for a permit renewal, but the Control Officer has failed to issue or deny the renewal permit before the end of the term of the previous permit, then the permit shall not expire until the permit renewal has been issued or denied.

[County Rule 210 §301.9]

2) Earthmoving Permit:

*(NOTE: If the Permittee engages in or allows any routine dust generating activities at the facility, the Permittee shall apply to have the routine dust generating activity covered as part of this Permit. Non-routine activities, such as construction and revegetation, require a separate Earthmoving Permit that must be obtained from the Control Officer before the activity may begin.)*

No person shall commence any earth moving operation or any dust generating operation without meeting the requirements of and obtaining any and all Earth Moving Equipment Permits and Permits to Operate required by County Rule 200. The provisions of this section shall not apply:

- a) During emergency, life threatening situations or in conjunction with any officially declared disaster or state of emergency;
- b) To operations conducted by essential service utilities to provide electricity, natural gas, oil and gas transmission, cable television, telephone, water, and sewerage during service outages and emergency disruptions;
- c) To non-routine or emergency maintenance of flood control channels and water retention basins.
- d) To vehicle test and development facilities and operations when dust is required to test and validate design integrity, product quality and/or commercial acceptance. Such facilities and operations shall be exempted from the provisions of this section only if such testing is not feasible within enclosed facilities.

[County Rule 310 §302] [SIP Rule 310 §302]

The Permittee shall not cause, commence, suffer, allow, or engage in any earthmoving operation that disturbs a total surface area of 0.10 acre or more without first obtaining a permit from the Control Officer. Permits shall not be required for earthmoving operations for emergency repair of utilities, paved roads, unpaved roads, shoulders, and/or alleys.

[County Rule 200 §305]

- 3) Burn Permit: The Permittee shall obtain a Permit To Burn from the Control Officer before conducting any open outdoor fire except for the activities listed in County Rule 314 §§302.1 and 302.2.

[County Rule 314] [County Rule 200 §306] [SIP Rule 314]

J. Rights And Privileges

[County Rule 210 §302.1h (4)]

This Permit does not convey any property rights nor exclusive privilege of any sort.

K. Severability

[County Rule 210 §302.1g]

The provisions of this Permit are severable, and, if any provision of this Permit is held invalid, the remainder of this Permit shall not be affected thereby.

L. Scope

The issuance of any permit or permit revision shall not relieve the Permittee from compliance with any Federal laws, Arizona laws, or the County or SIP Rules, nor does any other law, regulation or permit relieve the Permittee from obtaining a permit or permit revision required under the County Rules.

[County Rule 200 §308] [SIP Rule 22H]

Nothing in this permit shall alter or affect the following:

- 1) The provisions of Section 303 of the Act, including the authority of the Administrator pursuant to that section.
- 2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of permit issuance.
- 3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act.
- 4) The ability of the Administrator of the USEPA or of the Control Officer to obtain information from the Permittee pursuant to Section 114 of the Act, or any provision of State law.
- 5) The authority of the Control Officer to require compliance with new applicable requirements adopted after the permit is issued. [locally enforceable only]

[County Rule 210 §407.2]

M. Term of Permit

[County Rule 210 §§302.1a & 402]

This Permit shall remain in effect for no more than 5 years from the date of issuance.

N. Transfer

[County Rule 200 §404]

Except as provided in ARS 49-429 and County Rule 200, this permit may be transferred to another person if the Permittee gives notice to the Control Officer in writing at least 30 days before the proposed transfer and complies with the permit transfer requirements of County Rule 200 and the administrative permit amendment procedures pursuant to County Rule 210.

## 15. RECORDKEEPING:

A. Records Required

[County Rule 100 §501] [County Rule 310 §502] [SIP Rule 40 A]

The Permittee shall maintain records of all emissions testing and monitoring, records detailing all malfunctions which may cause any applicable emission limitation to be exceeded, records detailing the implementation of approved control plans and compliance schedules, records required as a condition of any permit, records of materials used or produced, and any other records relating to the emission of air contaminants which may be requested by the Control Officer.

B. Retention of Records

Unless a longer time frame is specified by the Rules or these Permit Conditions, the Permittee shall retain information and records required by either the Control Officer or these Permit Conditions as well as copies of summarizing reports recorded by the Permittee and submitted to the Control Officer for 5 years after the date on which the pertinent report is submitted.

[County Rule 100 §504] [SIP Rule 40 C]

The Permittee shall retain records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings or physical records for continuous monitoring instrumentation, and copies of all reports required by the permit.

[County Rule 210 §§302.1 d (2) and 305.1 b (2)]

C. Monitoring Records

[County Rule 210 §§302.1d (1) & 305.1b (1)]

Records of any monitoring required by this Permit shall include the following:

- 1) The date, place as defined in the permit, and time of sampling or measurements;
- 2) The date(s) analyses were performed;
- 3) The company or entity that performed the analyses;
- 4) The analytical techniques or methods used;
- 5) The results of such analyses; and
- 6) The operating conditions as existing at the time of sampling or measurement

D. Right of Inspection of Records [County Rule 100 §106] [SIP Rule 40 D]

When the Control Officer has reasonable cause to believe that the Permittee has violated or is in violation of any provision of County Rule 100 or any County Rule adopted under County Rule 100, or any requirement of this permit, the Control Officer may request, in writing, that the Permittee produce all existing books, records, and other documents evidencing tests, inspections, or studies which may reasonably relate to compliance or noncompliance with County Rules adopted under County Rule 100. No person shall fail nor refuse to produce all existing documents required in such written request by the Control Officer.

**16. REPORTING:**

*NOTE: See the Permit Condition titled Certification Of Truth, Accuracy and Completeness in conjunction with reporting requirements.*

A. Annual Emission Inventory Report [County Rule 100 §505] [SIP Rule 40 B]

Upon request of the Control Officer and as directed by the Control Officer, the Permittee shall complete and shall submit to the Control Officer an annual emissions inventory report. The report is due by April 30, or 90 days after the Control Officer makes the inventory form(s) available, whichever occurs later.

The annual emissions inventory report shall be in the format provided by the Control Officer.

The Control Officer may require submittal of supplemental emissions inventory information forms for air contaminants under ARS §49-476.01, ARS §49-480.03 and ARS §49-480.04.

B. Data Reporting [County Rule 100 §502]

When requested by the Control Officer, the Permittee shall furnish to the Maricopa County Air Quality Division (Division hereafter) information to locate and classify air contaminant sources according to type, level, duration, frequency, and other characteristics of emissions and such other information as may be necessary. This information shall be sufficient to evaluate the effect on air quality and compliance with the County or SIP Rules. The Permittee may subsequently be required to submit annually, or at such intervals specified by the Control Officer, reports detailing any changes in the nature of the source since the previous report and the total annual quantities of materials used or air contaminants emitted.

C. Deviation Reporting [County Rule 210 §§302.1e & 305.1c]

The Permittee shall promptly report deviations from permit requirements, including those attributable to upset conditions. Unless specified otherwise elsewhere in these Permit Conditions, an upset for

the purposes of this Permit Condition shall be defined as the operation of any process, equipment or air pollution control device outside of either its normal design criteria or operating conditions specified in this Permit and which results in an exceedance of any applicable emission limitation or standard. The Permittee shall submit the report to the Control Officer by certified mail, facsimile, or hand delivery within 2 working days from knowledge of the deviation. The report shall contain a description of the probable cause of such deviations and any corrective actions or preventive measures taken. In addition, the Permittee shall report within a reasonable time of any long-term corrective actions or preventative actions taken as the result of any deviations from permit requirements.

All instances of deviations from the requirements of this Permit shall also be clearly identified in the semiannual monitoring reports required in the Specific Condition section of these Permit Conditions.

D. Emergency Reporting [County Rule 130 §402.4]

*(NOTE: Emergency Reporting is one of the special requirements which must be met by a Permittee wishing to claim an affirmative defense under the emergency provisions of County Rule 130. These provisions are listed earlier in these General Conditions in the section titled "Emergency Provisions". Since it is a form of deviation reporting, the filing of an emergency report also satisfies the requirement of County Rule 210 to file a deviation report.)*

The Permittee shall, as soon as possible, telephone the Control Officer giving notice of the emergency, and submitted notice of the emergency to the Control Officer by certified mail, facsimile, or hand delivery within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective action taken.

E. Emission Statements Required as Stated in the Act [County Rule 100 §503]

Upon request of the Control Officer and as directed by the Control Officer, the Permittee shall provide the Control Officer with an emission statement, in such form as the Control Officer prescribes, showing measured actual emissions or estimated actual emissions of NO<sub>x</sub> and volatile organic compounds (VOC) from that source. At a minimum, the emission statement shall contain all information contained in the "Guidance on Emission Statements" document as described in the USEPA's Aerometric Information Retrieval System (AIRS) Fixed Format Report (AFP 644). The statement shall contain emissions for the time period specified by the Control Officer. Statements shall be submitted annually.

F. Excess Emissions Reporting [County Rule 140 §500] [locally enforceable only]

*(NOTE: This reporting subsection is associated with the requirements listed earlier in these General Conditions in the section titled "Excess Emissions".)*

1) Excess emissions shall be reported as follows:

- a) The Permittee shall report to the Control Officer any emissions in excess of the limits established either by the Rules or these Permit Conditions. The report shall be in two parts as specified below:

- (1) Notification by telephone or facsimile within 24 hours of the time when the owner or operator first learned of the occurrence of excess emissions including all available information from paragraph F. 1) b) below of this Permit Condition.



- (2) Excess emissions report containing all the information described in paragraph F. 1) b) below of this Permit Condition within 72 hours of the telephone notification pursuant to paragraph F. 1) a) (1) above of this Permit Condition.
- b) The excess emissions report shall contain the following information
- (1) The identity of each stack or other emission point where the excess emissions occurred.
  - (2) The magnitude of the excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the magnitude of the excess emissions.
  - (3) The time and duration or expected duration of the excess emissions.
  - (4) The identity of the equipment from which the excess emissions emanated.
  - (5) The nature and cause of such emissions.
  - (6) The steps taken, if the excess emissions were the result of a malfunction, to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction.
  - (7) The steps that were or are being taken to limit the excess emissions. If this Permit contains procedures governing source operation during periods of startup or malfunction and the excess emissions resulted from startup or malfunction, the report shall contain a list of the steps taken to comply with the Permit procedures.
- 2) In the case of continuous or recurring excess emissions, the notification requirements of this section shall be satisfied if the Permittee provides the required notification after excess emissions are first detected and includes in such notification an estimate of the time the excess emissions will continue. Excess emissions occurring after the estimated time period or changes in the nature of the emissions as originally reported shall require additional notification that meets the criteria of Section F. 1) of this Permit Condition.

**G. Other Reporting**

[County Rule 210 §302.1 h (5)]

The Permittee shall furnish to the Control Officer, within a reasonable time, any information that the Control Officer may request in writing to determine whether cause exists for revising, revoking and reissuing this permit, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to the Control Officer copies of records required to be kept by this Permit. For information claimed to be confidential, the Permittee shall furnish a copy of such records directly to the Administrator along with a claim of confidentiality as covered elsewhere in these Permit Conditions.

**17. RIGHT TO ENTRY AND INSPECTION OF PREMISES:**

[County Rule 100 §105] [County Rule 210 §305.1f] [SIP Rule 43]

The Control Officer, during reasonable hours, for the purpose of enforcing and administering County Rules or any provision of ARS relating to the emission or control prescribed pursuant thereto, may enter every building, premises, or other place, except the interior of structures used as private residences. Every person

is guilty of a petty offense under ARS §49-488 who in any way denies, obstructs or hampers such entrance or inspection that is lawfully authorized by warrant.

The Permittee shall allow the Control Officer or his authorized representative, upon presentation of proper credentials and other documents as may be required by law, to:

- A. Enter upon the Permittee's premises where a source is located or emissions-related activity is conducted, or where records are required to be kept pursuant to the conditions of the permit;
- B. Have access to and copy, at reasonable times, any records that are required to be kept pursuant to the conditions of the permit;
- C. Inspect, at reasonable times, any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required pursuant to this permit;
- D. Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements; and
- E. To record any inspection by use of written, electronic, magnetic, and photographic media.

[Locally enforceable only]

## SPECIFIC CONDITIONS

### 18. EMISSION LIMITATIONS

- A. The Permittee shall limit the emission of particulate matter into the atmosphere from each of the engines in accordance with the equation:

$$E = 1.02 Q^{0.769}$$

Where:

E = the maximum allowable particulate emission rate in pounds-mass/hr, and

Q = the heat output in million BTU/hr for each individual engine.

[SIP Rule 31][A.A.C. R18-2-719]

- B. The Permittee shall not discharge into the ambient air from any single source of emissions any air contaminant, other than uncombined water, in excess of 20% opacity (40% opacity per SIP Rule 30).

The following are exceptions:

- 1) Start-up and Shut-down: Visible emissions exceeding the opacity standards for short periods of time resulting from start-up, shut-down, soot blowing or unavoidable combustion irregularities which do not exceed three minutes in length shall not constitute a violation provided that the Control Officer finds that adequate control technology has been applied.
- 2) Emergencies: Unavoidable combustion irregularities which exceed three minutes shall not constitute a violation of this rule providing the owner or operator demonstrates to the Control Officer's satisfaction that an emergency exists in accordance with Regulation I, Rule 100, Section 501.

[County Rule 300][20% limit locally enforceable only][SIP Rule 30]

- C. The Permittee shall not discharge from any source whatever into the atmosphere air contaminants which exceed in quantity or concentration that specified and allowed in these rules and regulations or the rules and regulations of the Arizona State Department of Health Services (or Arizona Department of Environmental Quality) or the Arizona Revised Statutes or which cause damage to property or unreasonably interfere with the comfortable enjoyment of life or property of a substantial part of a community, or obscure visibility, or which in any way degrade the quality of the ambient air below the standards established by the Board of Supervisors, or the director of the State Department of Health Services (or Arizona Department of Environmental Quality).

[SIP Rule 3]

- D. The Permittee shall not cause, suffer, allow or engage in any dust generating operation, earth moving operation, use of real property or other operation which causes fugitive dust emissions exceeding the visible emission opacity limitations in these Permit Conditions (County Rule 300 §301); County Rule 360 §301; County Rule 370 §301, unless:

- 1) The average wind speed is greater than 25 miles per hour, provided that all reasonably available control measures contained in the approved Control Plan shall remain in effect;
- 2) It is a non-routine or emergency maintenance of flood control channels and water retention basins.

[County Rule 310 §301][SIP Rule 310 §301]

- E. The Permittee shall not emit gaseous or odorous air contaminants from equipment, operations or premises under his control in such quantities or concentrations as to cause air pollution.  
[County Rule 320][SIP Rule 32]
- F. The Permittee shall not emit hydrogen sulfide from the facility in such a manner or amount that the concentration of such emissions into the ambient air at any occupied place beyond the premises on which the source is located exceeds 0.03 parts per million by volume for any averaging period of 30 minutes or more.  
[County Rule 320 §303][SIP Rule 32 E.]
- G. The Permittee shall not discharge into the atmosphere from the facility reduced sulfur, which includes sulfur equivalent from all sulfur emissions including but not limited to sulfur dioxide, sulfur trioxide and sulfuric acid, in excess of ten percent of the sulfur entering the process as feed.  
[County Rule 320 §307]
- H. The Permittee shall not discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one-hour period which is a shade or density darker than 20 percent opacity.  
[County Rule 312 §301] [locally enforceable only]
- I. Whenever more than one rule of the County Rules applies to the Permittee, the rule or combination of rules resulting in the lowest rate or lowest concentration of air contaminants released to the atmosphere shall apply unless otherwise specifically exempted or designated.  
[County Rule 100 §302]

## **19. OPERATING REQUIREMENTS**

- A. The Permittee shall use only commercial “pipeline quality” natural gas as fuel for the engines. Within seven (7) days of the startup of each engine or generator, the Permittee shall notify the Control Officer of the Startup date and time. The Permittee shall maintain records of the hours of operation for each engine or generator. [County Rule 210 §302.1 b.][County Rule 210 §305.1a.(3)]

### **Dust Generating Related Requirements**

- B. The Permittee shall not commence any earth moving operation or any dust generating operation without meeting the requirements of and obtaining any and all Earth Moving Equipment Permits and Permits to Operate required by these Permit Conditions. The provisions of this Permit Condition shall not apply:
  - 1) During emergency, life threatening situations or in conjunction with any officially declared disaster or state of emergency;
  - 2) To operations conducted by essential service utilities to provide electricity, natural gas, oil and gas transmission, cable television, telephone, water, and sewerage during service outages and emergency disruptions;
  - 3) To non-routine or emergency maintenance of flood control channels and water retention basins.  
[County Rule 310 §301.3][SIP Rule 310 §302]
- C. The Permittee shall submit to the Control Officer a Dust Control Plan with any and all permit applications that involve dust generating operations. The Dust Control Plan shall describe all control measures to be implemented before, after, and while conducting any dust generating operation, including during temporary inactive periods (i.e., after work hours, weekends, and holidays).  
[County Rule 310 §303]

- D. Failure to comply with the provisions of an approved Dust Control Plan is deemed to be a violation of this Permit. Regardless of whether an approved Dust Control Plan is in place or not, the Permittee is still subject to all requirements of these Permit Conditions at all times. In addition, the Permittee with an approved Dust Control Plan is still subject to all of the requirements of these Permit Conditions, even if the Permittee is complying with the approved Dust Control Plan. [County Rule 310 §303]

A Dust Control Plan shall, at a minimum, contain all the following information:

- 1) Names, address(es), and phone numbers of person(s) responsible for the preparation, submittal, and implementation of the Dust Control Plan and responsible for the dust generating operation.  
[SIP Rule 310 §401.1][County Rule 310 §303]
- 2) A plot plan of each site, which describes:
  - a) The total area of land surface to be disturbed and the total area of the entire project site (in acres).
  - b) The dust generating operation(s) and/or activity(ies) to be carried-out on the site.
  - c) The actual and potential sources of fugitive dust emissions on the site.
  - d) Delivery, transport and storage areas for the site, including types of materials stored and size of piles.  
[SIP Rule 310 §401.2][County Rule 310 §303]
- 3) A description of:
  - a) Reasonably available control measures or combination thereof to be applied during all periods of dust generating operations to each of the fugitive dust sources described on the plot plan. For each source identified at least one control measure must be implemented;
  - b) Dust suppressants to be applied, including product specifications or label instructions for approved usage; the method, frequency and intensity of application; the type, number and capacity of application equipment; information on environmental impacts and approvals or certifications related to appropriate and safe use for ground applications;
  - c) The specified surface treatment(s) and/or reasonably available control measures utilized to control material track-out and sedimentation where unpaved and/or access points join paved surfaces.
  - d) For each fugitive dust source at least one auxiliary reasonably available control measure designated as a contingency measure shall be described in the original Control Plan. Should the original reasonably available control measure in the Control Plan prove ineffective, immediate, successful, and effective implementation of the contingency measure shall obviate the requirement of submitting a revised Control Plan.  
[SIP Rule 310 §401.3][County Rule 310 §303]

A copy of the Earth Moving Equipment Permit and-or Permit to Operate as well as the approved Control Plan must be posted in a conspicuous location at the worksite, within on-site equipment, in an on-site vehicle, or otherwise kept readily available on site at all times.

[SIP Rule 310 §402][County Rule 310 §303]

- E. If the Control Officer determines that an approved Control Plan has been followed yet fugitive dust visible emissions from any given fugitive dust source still exceed opacity limitations, then the person responsible for the Plan shall make written revisions to the Control plan effectively correcting the deficiencies identified by the Control Officer. The responsible person shall submit these revisions to the Control Officer within three working days of being notified of the Control Plan's deficiencies. The revised Control Plan shall be implemented as soon as practicable thereafter pursuant to the directives of the Control Officer. [SIP Rule 310 §304][County Rule 310 §305]
- F. Vehicle Use In Open Areas And Vacant Parcels: The Permittee shall not cause, suffer, or allow a vacant parcel, or an urban or suburban open area to be driven over or used by motor vehicles, such as but not limited to off road or all-terrain vehicles, trucks, cars, motorcycles, motorbikes, or motorbuggies without first implementing reasonably available control measures to effectively prevent or minimize fugitive dust. [SIP Rule 310 §305][County Rule 310.01 §301]
- G. Unpaved Parking Areas/Staging Areas: The Permittee shall not operate, maintain, use or allow the use of any area larger than 5,000 square feet for the parking, storage, servicing or dispatching of motor vehicles without first implementing reasonably available control measures to effectively prevent or minimize fugitive dust. [SIP Rule 310 §306][County Rule 310.01 §303]
- H. Unpaved Haul/Access Roads: The Permittee shall not cause, suffer or allow the operation, use, or maintenance of any permanent, unpaved haul road of more than 100 feet in length, unless no more than 20 vehicular trips are made on such haul road per day. In lieu of such limitations, the road may be effectively treated and maintained with suitable dust suppressants or covered with gravel and maintained. [SIP Rule 310 §307, 308.5][County Rule 310 §302.2, 308.5]
- I. Disturbed Surface Area: The Permittee shall not disturb or remove soil, natural ground cover or vegetation from any real property area without first implementing reasonably available control measures to effectively prevent or minimize fugitive dust. Furthermore, within eight months of the termination of dust generating operations on a work-site, disturbed surface areas shall be stabilized through the application of reasonably available control measures of a permanent nature. [SIP Rule 310 §308]
- J. Vacant Areas: The Permittee shall not cause or allow any urban or suburban open area or vacant parcel to remain unoccupied, unused, vacant or undeveloped for more than 15 days without first implementing reasonably available control measures to effectively prevent or minimize fugitive dust. Furthermore, within eight months the Permittee shall implement reasonably available control measures of a permanent nature to stabilize the disturbed surface area so as to effectively prevent or minimize fugitive dust. [SIP Rule 310 §309][County Rule 310.01 §302]
- K. Material Handling: The Permittee shall not cause, suffer, allow or engage in material handling operations, including, but not limited to, stacking, loading, unloading, conveying and reclaiming, without first implementing reasonably available control measures to effectively prevent or minimize fugitive dust. [SIP Rule 310 §310]
- L. Material Transport: The Permittee shall not cause, suffer, allow or engage in the transportation of bulk materials without first implementing reasonably available control measures to effectively prevent or minimize fugitive dust.
- 1) Spillage, Carry-out and/or Transport: The Permittee shall not cause, suffer, allow or engage in:

- a) Transportation from any worksite without first implementing reasonably available control measures to remove particulate matter from the exterior surfaces of equipment and motor vehicles (including tires) except for that contained in the actual cargo space of the vehicle.
  - b) Deposition of bulk materials onto paved roads and/or paved parking/staging areas from motor vehicles without removing these deposits when they occur.
  - c) The clean-up, removal, storage and disposal of such deposits shall utilize reasonably available control measures so as not to become a source and/or cause of fugitive dust. The Permittee shall remove and properly store and/or dispose of such deposits within six hours of their occurrence.
  - d) The clean-up and removal of bulk materials from paved streets shall not violate the visible emission standard in County Rule 300§301.
- 2) Haul Trucks: The Permittee shall not cause, suffer, allow or engage in the use or operation of any haul truck in such a manner as to cause the emission of fugitive dust from its cargo space. The following requirements shall apply to the use and operation of any haul truck:
- a) The cargo compartment of a haul truck shall be constructed and maintained so that no spillage or loss of bulk materials can occur from holes or other openings in the cargo compartment's floor, sides, and/or tailgate(s)
  - b) Any haul truck carrying bulk materials shall be properly loaded so that the freeboard is not less than three inches and be effectively covered with a tarp or other suitable enclosure in such a manner so as to prevent or minimize fugitive dust.
  - c) Any haul truck shall be cleaned or kept covered once emptied and/or between cargoes when the residual particulate matter remaining in the cargo space is capable of becoming fugitive dust.

[SIP Rule 310 §311][County Rule 310 §308.1, 308.2, 308.3]

- M. Roadways, Streets and Alleys: The Permittee shall not cause, suffer, allow or engage in the use, repair, construction, reconstruction or improvement of any road, roadway, street, highway or alley without first implementing reasonably available control measures to effectively prevent or minimize fugitive dust.

[SIP Rule 310 §312]

- N. Erosion, Sedimentation and Deposition of Bulk Materials onto Paved Surfaces: The Permittee shall not cause, suffer, or allow the deposition of bulk materials or other materials capable of becoming fugitive dust onto any paved roadway, paved parking or paved staging area from adjacent real property, whether by natural or man-caused forces of erosion. In the event that such deposits originating from the real property are identified by the Control Officer, the Permittee thereof shall:

- 1) Remove any and all deposits by utilizing the appropriate reasonably available control measures within 24 hours of the deposit's occurrence or prior to the resumption of traffic on pavement where the pavement area has been closed to traffic.
- 2) Dispose of the bulk materials resulting from the removal of these deposits in such a manner so as not to cause or become another source of fugitive dust.
- 3) Upon notice by the Control Officer, within five working days submit a Control Plan designed to prevent and/or minimize the recurrence of erosion-caused deposition onto paved surfaces. The

Control Officer may then review and approve, disapprove or conditionally approve the Plan submitted. Conditional approval may be granted when temporary control measures must be utilized until permanent control measure(s), implement(s), or structure(s) can be installed. The conditional approval shall include the time period granted to complete the actual permanent solution. As long as effective temporary control measures are implemented, an additional time period may be granted for the design and approval of the permanent control measures or other solution(s) selected. This shall include maintenance provisions if applicable. Approval by the Control Officer shall not relieve the Permittee thereof of the responsibility to comply with all other applicable local, county, state and/or federal requirements.

[SIP Rule 310 §313][County Rule 310 §308.4]

#### Site Wide Requirements

O. The Permittee shall limit emissions of VOCs from equipment cleanup, VOC containment, and VOC disposal as follows:

- 1) The Permittee shall not use any liquid materials containing more than 10 percent volatile organic compounds for the cleanup of equipment unless:
  - a) The used cleaning liquids are collected in a container which is closed when not in use and is disposed of in a manner such that volatile organic compounds are not emitted into the atmosphere, or
  - b) The equipment is disassembled and cleaned in a solvent vat that is closed when not in use, or cleaning is done by other methods, approved in writing by the Control Officer, which limit evaporation.
- 2) The Permittee shall not store, discard, or dispose of VOC or VOC-containing material in a way intended or to allow the evaporation of VOC to the atmosphere. Reasonable measures shall be taken to prevent such evaporation which include but are not limited to the following:
  - a) All material from which VOC can evaporate, including fresh solvent, waste solvent and solvent-soaked rags and residues, shall be stored in closed containers when not in use; and
  - b) Such containers one gallon and larger shall be legibly labeled with their contents; and
  - c) Records of the disposal/recovery of such materials shall be kept. Records of hazardous waste disposal shall be kept in accordance with hazardous waste disposal statutes.
- 3) The provisions of this Permit Condition shall not apply to:
  - a) The use of equipment, materials, and/or substances which meet applicable requirements and standards, specified by any of these Permit Conditions based on other County Rules of Regulation III, or
  - b) The spraying or other employment of insecticides, pesticides or herbicides.

Permit Conditions based on other County Rules of Regulation III are: any of these Permit Conditions that cite, as the basis of the Permit Condition, any three digit County Rule between and including County Rule 300 and County Rule 371, but excluding County Rule 330.

[County Rule 330 §§305, 306, 307] [locally enforceable only]



P. The Permittee shall utilize at least one of the following control measures for all abrasive blasting:

- 1) Confined blasting,
- 2) Wet abrasive blasting,
- 3) Hydroblasting.
- 4) A control measure that is determined by the Control Officer to be equally effective to control particulate emissions.

The Permittee may propose other methods for Control Officer consideration, at any time. The following method is a control measure that has been determined by the Control Officer to be equally effective to control particulate emissions.

The use of a CARB certified abrasive blasting media in dry, unconfined blasting operations provided that the following conditions are met:

- a) Only an abrasive(s) on the most recent CARB certification list may used in the abrasive blasting process.
- b) Blasting is performed only on a metal substrate.
- c) The abrasive blasting medium is used only once.
- d) The existing paint on the surface to be abraded is lead free ( i.e. lead content < 0.1% ).
- e) Opacity limits of Rule 312 and these Permit Conditions are adhered to.
- f) The object to be blasted exceeds 8 feet in any dimension or the surface to be blasted is situated at its permanent location.
- g) Blasting is not performed at ground level on a surface which may be disturbed by the process and contribute to particulate emissions (e.g. unpaved ground).

[County Rule 312 §§302.1,2,3,4] [locally enforceable only]

Q. The Permittee shall conduct spray coating operations, except:

Architectural coating, coating operations utilizing hand-held aerosol cans, and exceptions as defined in County Rule 315 §302, either,

- 1) For outside a building: Inside an enclosure that has at least three sides a minimum of eight feet in height and able to contain any object or objects being coated.
  - a) For three-sided enclosures: Spray shall be directed in a horizontal or downward pointing manner so that the overspray is directed at the walls of floor of the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of the top of the enclosure.

- b) For more complete enclosures: For enclosures with three sides and a roof or complete enclosures, spray shall be directed into the enclosure so that the overspray is directed away from any opening in the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of any open top of the enclosure.
- 2) In an enclosed area, situated in a closed building, designed to contain not less than 96% of the overspray, as detailed in section E. of the SIP Rule 34, or
- 3) If there is forced exhaust vented directly outside, this enclosure system shall be equipped with a filtering system, in proper working order, with no visible gaps or openings. The Permittee shall use a filter system with an average overspray removal efficiency of at least 92% by weight for the type of material being sprayed. All exhaust shall be discharged into the atmosphere. Spray booths or enclosures utilizing a water curtain, waterfall or other means to capture particulates in a liquid medium shall effectively remove at least 92% of the overspray and be operated in a manner consistent with the manufacturer's specifications to achieve such efficiency for the type of material being sprayed.

For applications of surface coating containing more than 2 pounds of VOC per gallon (240 g/L) minus exempt compounds, the Permittee shall utilize an application method in accordance with County Rule 336§302.

Surface coatings applied shall not contain VOCs in excess of the limits in Table 1 of County and SIP Rules 336 unless they are exempt or meet the criteria for exemption by section 305 of the County Rule and Section 306 of the SIP Rule.

The provisions of these Permit Conditions referencing or citing solely SIP Rule 34 shall not apply to the spraying or other employment of insecticides, pesticides or herbicides.

**TABLE 1 of County Rule 336**

<b>SURFACE COATING EMISSION LIMITS</b>		
<b>TYPE OF SURFACE COATING</b>  <b>Column I</b>	<b>LIMITS AS APPLIED:</b> VOC content minus exempt compounds (see subsection 255.1)	
	<b>Column II</b>	
	lbs/gal	g/liter
<b>Can Coating</b>		
Sheet Basecoat (Exterior and Interior) and Overvarnish	2.8	340
Two-Piece Can Exterior (Basecoat and Overvarnish)	2.8	340
Two and Three-Piece Can Interior Body Spray	4.2	510
Two-Piece Can Exterior End (Spray or Roll Coat)	4.2	510
Three-Piece Can Side-Seam Spray	5.5	660
End Sealing Compound	3.7	440
Can Printing Ink	2.5	300
<b>Coil Coating (any coat)</b>	2.6	310
<b>Metal Furniture Coating</b>	3.0	360
<b>Large Appliance Coating</b>	2.8	340
<b>OTHER METAL PARTS AND PRODUCTS COATING</b> (As defined in Section 231)		
The following includes Non-adhesive Coating, Adhesive, Adhesive Primer, Caulking, and Beaded Sealants:		
<b>Air-Dried Coating</b>	3.5	420
<b>Baked Coating</b> [above 200°F (93°C)]	3.0	360
<b>Silicone Release Coating:</b> Baked or Air-Dried	3.5	420

SURFACE COATING EMISSION LIMITS		
TYPE OF SURFACE COATING  Column I	LIMITS AS APPLIED: VOC content minus exempt compounds (see subsection 255.1)	
	Column II lbs/gal                      g/liter	
<b>Fabric Coating</b>	2.9	350
<b>Film Coating</b>	2.9	350
<b>COATING PLASTIC PARTS AND PRODUCTS THAT ARE Not Defined as Flexible</b>	3.5	420
<b>COATING FLEXIBLE PLASTIC PARTS AND PRODUCTS</b>		
Primer	4.1	490
Color Topcoat	3.8	450
Basecoat/Clear Coat (Combined System) – Limit for either coat	4.5	540
<b>Paper Coating, including Adhesives</b>	2.9	350
<b>Vinyl Coating (Coating on Vinyl)</b>	3.8	450
<b>STRIPPABLE BOOTH COATINGS</b>	2.0	240

The Permittee shall not apply any coating by spraying, dipping, flow coating, electrodeposition or by any other means on any coating line or operation of the type designated below which emits or may emit any volatile organic compound(s) in excess of the following limits:

**SIP Rule 34 E. 4. (a) Table**

SURFACE COATING EMISSION LIMITS		
TYPE OF SURFACE COATING  Column I	LIMITS AS APPLIED: VOC content minus exempt compounds (see subsection 255.1)	
	Column II Lbs/gal                      g/liter	
<b>Can Coating Line</b>		
Exterior and Interior Basecoat and Overvarnish	2.8	340
Two-Piece Can Exterior (Basecoat and Overvarnish)	2.8	340
Two and Three-Piece Can Interior Bodycoat	4.2	510
Two-Piece Can Exterior End Coat	4.2	510
End Sealing Compound	3.7	440
<b>Coil Coating Line (any coat)</b>	2.6	310
<b>Metal Furniture Coating</b>	3.0	360
<b>Metal Parts and Products Coating Line</b>		
Large Appliances	2.8	340
Clear Coat	4.3	520
Powder Coat	0.4	50

[County Rule 315][County Rule 336][SIP Rule 34][SIP Rule 336]

- R. The Permittee shall operate the facility in such manner that materials including, but not limited to, solvents or other volatile compounds, paints, acids, alkalies, pesticides, fertilizer and manure shall be processed, stored, used and transported in such a manner and by such means that they will not unreasonably evaporate, leak, escape or be otherwise discarded into the ambient air so as to cause or contribute to air pollution. Where means are available to reduce effectively the contribution to air

pollution from evaporation, leakage or discharge, the installation and use of such control methods, devices or equipment shall be mandatory. [County Rule 320 §302][SIP Rule 32 C.]

- S. Where the Permittee has a stack, vent or other outlet at such a level that air contaminants (including but not limited to fumes, gas, mist, odor, smoke, vapor or any combination thereof constituting air pollution) are discharged to adjoining property, the Control Officer may require the installation of abatement equipment or the alteration of such stack, vent, or other outlet to a degree that will adequately dilute, reduce or eliminate the discharge of air contaminants to adjoining property. [County Rule 320 §303][SIP Rule 32 D.]

- T. The Permittee shall minimize emissions of VOCs from the operation of its cold degreasers in accordance with County and SIP Rules 331. The Permittee shall equip degreasers with a leak-free container, a cover and maintain the degreasers covered when not in use. The degreasers shall have a solvent return, and a label affixed in accordance with Signage Requirements (directions) as detailed in section 303.2 of County Rule 331 and in the General Operating Requirements section 306 of SIP Rule 331. The Permittee shall operate the degreasers in accordance with the directions.

#### Cold Degreasers With Remote Reservoir

The Permittee shall:

- 1) Equip the degreaser with a sink-like work area that is sloped sufficiently towards the drain to prevent pooling of solvent
- 2) Equip the degreaser with a single drain opening or cluster of openings served by a single drain for solvent flow from the sink into the enclosed reservoir. Such openings shall be contained within a contiguous area not larger than 15.5 square inches
- 3) Only use a low volatility solvent with an initial boiling point greater than 248° F used at a temperature at least 180° F below the initial boiling point. Solvent shall be stored in leak-free, labeled, closed containers.

#### Cold Degreasers Without Remote Reservoir

The Permittee shall equip the degreaser with the following:

- 4) Freeboard height of not less than 6 inches and a cover for a cold degreaser using only non-agitated, low volatility solvent
- 5) A cold degreaser using solvents which are not low volatility solvents or which are agitated shall have internal drainage, a freeboard ratio of 0.75 or greater, and a cover used that is of a sliding or rolling type which is designed to easily open and close without disturbing the vapor zone, and
- 6) A permanent, conspicuous mark locating the maximum allowable solvent level which conforms to the applicable freeboard requirements.

[County Rule 331] [SIP Rule 34] [SIP Rule 331]

- U. The Permittee shall comply with the following:

- 1) All cleaning-solvent, including solvent soaked materials, shall be kept in closed leak-free containers that are opened only when adding or removing material.

- a) Rags used for wipe cleaning shall be stored in closed containers when not in use.
  - b) Each container shall be clearly labeled with its contents.
- 2) If any cleaning-solvent escapes from a container:
  - a) Wipe up or otherwise remove immediately if in accessible areas.
  - b) For areas where access is not feasible during normal production, remove as soon as reasonably possible.
- 3) Unless records show that VOC-containing cleaning material was sent offsite for legal disposal, it will be assumed that it evaporated on site.

[County Rule 331 §301]

V. For the following special non-vapor cleaning situations:

- 1) The Permittee blasting or misting with conforming solvent shall operate and equip the device(s) as follows:
  - a) The device shall have internal drainage, a reservoir or sump, and a completely enclosed cleaning chamber, designed so as to prevent any perceptible liquid from emerging from the device: and
  - b) The device shall be operated such that there is no perceptible leakage from the device except for incidental drops from drained, removed parts.

[County Rule 331 §307]
- 2) The Permittee blasting or misting with non-conforming solvent shall use a Sealed System pursuant to County Rule 331 §304.3. [County Rule 331 §307]
- 3) For when the Permittee is conducting high pressure flushing: Cleaning systems using cleaning-solvent that emerges from an object undergoing flushing with a visible mist or at a pressure exceeding 10 psig, compliance shall be as follows:
  - a) For conforming solvent, the Permittee shall use a containment system that is designed to prevent any perceptible cleaning-solvent liquid from becoming airborne outside the containment system, such as a completely enclosed chamber.
  - b) For non-conforming solvent the Permittee shall use a Sealed System.

[County Rule 331 §307]
- 4) Emission Control System (ECS): The Permittee is allowed to meet the requirement(s) of section 1) and/or section 2) of this Permit Condition by operating an emission control system that controls VOC vapor from processes addressed by the requirement(s); the emission control system shall be operated pursuant to subsection IV of the Appendix within County Rule 331. This Permit Condition does not exempt the Permittee from the permitting and permit modification processes required by the County Rules or these Permit Conditions or give pre-approval for an ECS.

An ECS used pursuant to this rule shall consist of a hood or enclosure to collect emissions, which are vented to a processing device. The overall control efficiency (capture plus processing) of the system shall not be less than 85 percent. The capture system shall have a ventilation rate no greater than 65 cfm per square foot of evaporative surface (20 m<sup>3</sup>/min./m<sup>2</sup>), unless that rate must be changed to meet a standard specified and certified by a Certified Safety Professional, a Certified Industrial Hygienist, or a licensed professional engineer experienced in ventilation-system design, that concerns health and safety requirements. The ECS shall be approved by the Control Officer.

[County Rule 331 §307][County Rule 331 Appendix §IV]

W. The following are exemptions from the above solvent cleaning requirements of these Permit Conditions based on County Rule 331:

- 1) Architectural Coating conducted in accordance with the Architectural Coating Requirements of these Permit Conditions.
- 2) The de minimis amounts of solvent VOCs that are exempted by 40 CFR 63 Subpart T.
- 3) Operations involving the cleanup of coating-application equipment that are regulated by a County Rule in Regulation III, other than County Rule 331.
- 4) Wipe cleaning of aerospace components is subject to County Rule 348 whereas the cleaning of aerospace components in a dip tank, a cleaning machine, or by a flush-cleaning process, is subject to these Permit Conditions.
- 5) The provisions of Permit Condition #19.Q do not apply to wipe cleaning. Wipe cleaning record keeping provisions of these Permit Conditions do apply.
- 6) The provisions of Permit Condition #19.V shall not apply to any non-vapor cleaning machine (degreaser) or dip-tank fitting either of the following descriptions, except that these shall be covered when work is not being processed:
  - a) A small cleaner having a liquid surface area of 1 square foot (0.09 square meters) or less, or
  - b) A small cleaner having a maximum capacity of one gallon (3.79 liters) or less.

[County Rule 331 §308]

X. The Permittee shall provide and maintain (an) O&M Plan(s) for any ECS, any other emission processing equipment, and any ECS monitoring devices that are used pursuant to the solvent cleaning requirements of these Permit Conditions. The Permittee shall submit to the Control Officer for approval the O&M Plans of each ECS and each ECS monitoring device that is used pursuant to the solvent cleaning requirements of these Permit Conditions. The Permittee shall comply with all the identified actions and schedules provided in each O&M Plan.

The Permittee incinerating, adsorbing, or otherwise processing VOC emissions pursuant to these Permit Conditions shall provide, properly install and maintain in calibration, in good working order and in operation, devices described in the facility's O&M Plan that indicate temperatures, pressures, rates of flow, or other operating conditions necessary to determine if air pollution control equipment is functioning properly and is properly maintained.

The Permittee when required to have an O&M Plan pursuant to this Permit Condition must fully comply with all O&M Plans that have been submitted for approval, but which have not yet been approved, unless notified otherwise by the Control Officer in writing. [County Rule 331 §309]

- Y. No person shall employ, apply, evaporate or dry any architectural coating (as defined in SIP Rule 34 E.3) for industrial or commercial purposes, material containing photochemically reactive solvent or shall thin or dilute any architectural coating with a photochemically reactive solvent as defined in paragraph J of SIP Rule 34. [SIP Rule 34 E.2.]
- Z. The Permittee shall not apply any architectural coating manufactured after July 13, 1988, which is recommended for use as a bituminous pavement sealer unless it is an emulsion type coating. [County Rule 335 §301][SIP Rule 335 §301]
- AA. The Permittee shall not apply any non-flat architectural coating manufactured after July 13, 1989 and before July 13, 1990 which contains more than 3.2 lbs (380 g/l) of volatile organic compounds per gallon of coating, excluding water and any colorant added to tint bases. These limits do not apply to specialty coatings listed in County Rule 335 §305. [County Rule 335 §302][SIP Rule 335 §302]
- BB. The Permittee shall not apply any non-flat architectural coating manufactured after July 13, 1990, which contains more than 2.1 lbs (250 g/l) of volatile organic compounds per gallon of coating, excluding water and any colorant added to tint bases. These limits do not apply to specialty coatings listed in County Rule 335 §305. [County Rule 335 §303][SIP Rule 335 §303]
- CC. The Permittee shall not apply any flat architectural coating manufactured after July 13, 1989, which contains more than 2.1 lbs (250 g/l) of volatile organic compounds per gallon of coating, excluding water and any colorant added to tint bases. These limits do not apply to specialty coatings listed in County Rule 335 §305. [County Rule 335 §304][SIP Rule 335 §304]
- DD. The Permittee shall not allow specialty architectural coatings to be used at the facility unless the coatings comply with the VOC content limits of County Rule 335 §305. [County Rule 335 §305][SIP Rule 335 §305]
- EE. The following coatings are exempt from the architectural coating VOC limitations (other than SIP referenced ones) of these Permit Conditions:
  - 1) Architectural coatings supplied in containers having capacities of one quart or less.
  - 2) Architectural coatings recommended by the manufacturer for use solely as one or more of the following:
    - a) Below ground wood preservative coatings
    - b) Bond breakers
    - c) Fire retardant coatings
    - d) Graphic arts coatings (sign paints)
    - e) Mastic texture coatings
    - f) Metallic pigmented coatings

- g) Multi-colored paints
- h) Quick-dry primers, sealers and undercoaters
- i) Shellacs
- j) Swimming pool paints, and
- k) Tile-like glaze coatings

[County Rule 335 §§306, 307][SIP Rule 335 §§306, 307]

FF. The Permittee shall not store architectural coatings in anything other than their original containers unless the requirements of Rule 335 §§401 and 402 are met.

[County Rule 335 §§401,402][SIP Rule 335 §§401, 402]

GG. If an asphalt kettle or dip tank is operated at the facility the Permittee shall control air contaminant emissions by good modern practices, including but not limited to:

- 1) Maintenance of temperature below both the asphalt flash point and the maximum temperature recommended by the asphalt manufacturer through the use of automatic temperature controls,
- 2) Operation of the kettle or diptank with the lid closed except when charging,
- 3) Pumping or drawing the asphalt through cocks without dipping,
- 4) Firing of the kettle or dip tank with a clean burning fuel, and
- 5) Maintaining the kettle or dip tank in clean, properly adjusted and good operating condition. The visible emissions from the operation of an asphalt kettle or dip tank shall comply with the provisions of the Opacity Requirements of these Permit Conditions.

[County Rule 320 §309]

HH. The discharge of carbon monoxide emissions from any process source shall be effectively controlled by means of secondary combustion by the Permittee. For the purposes of this Permit Condition the definition of process or process equipment shall not include fuel burning equipment.

[County Rule 320 §310]

II. An order of abatement issued by the Control Officer shall become effective immediately upon the expiration of the time during which a request for a hearing may be made pursuant to A.R.S. 49-511, unless the Permittee in said order shall have made a timely request for a hearing before the hearing board. If a hearing is requested, the hearing board shall hold the hearing within 30 days from receipt of the request unless said time is extended by the hearing board. Written notice of the time and place of the hearing shall be sent by the hearing board by registered or certified mail to the Permittee and to the Control Officer at least 15 days before the hearing. (A.R.S. 49-490) [County Rule 400 §401]

JJ. Compliance with the conditions of this Permit shall be deemed compliance with the applicable requirements identified in Appendix "B" of this Permit. The Permit Shield shall not extend to minor permit revisions.

[County Rule 210 §§405.7, 407]



## 20. MONITORING REQUIREMENTS

- A. The Permittee shall monitor for the use of only permitted fuel at the facility by fulfilling the fuel use Record keeping requirements of these Permit Conditions. [County Rule 210 §302.1 b.]
- B. The Permittee shall conduct a walk-around inspection once a month, if any of the activities covered by the walk-around are being conducted. The inspection shall monitor the source for compliance with the requirements of these Permit Conditions. The walk-around shall consist of an inspection of:
- 1) Storage containers of VOC containing materials,
  - 2) Degreasers,
  - 3) The conducting of all non-architectural spray painting operations in a spray booth, ( except exemptions noted in these Permit Conditions or in the applicable County Rules ) and
  - 4) The maintaining of the paint booth overspray removal efficiency required by these Permit Conditions,
- [County Rule 210 §302.1 (c.)]
- C. The Permittee shall monitor for compliance with the particulate emissions limitations of these Permit Conditions by complying with the following:
- 1) Meeting the opacity and visible emission requirements of these Permit Conditions, and
  - 2) Restricting engine fuel type in accordance with these Permit Conditions.
- [SIP Rule 31][A.A.C. R18-2-719][County Rule 210 §302.1 c.]
- D. In order to monitor for the opacity and particulate emission limitations of these permit conditions, the Permittee shall conduct the following:
- 1) The Permittee shall conduct visual emissions observations on each engine or auxiliary generator, once per week, or whenever an employee is on-site, whichever is less.
    - a) If visible emissions are observed, the Permittee shall cause a Certified Method 9 observer to conduct a visible observation of the emissions in accordance with EPA Reference Method 9. This reading shall be taken within three (3) days of the observance of visible emissions, or the next time that the emitting equipment is in operation, whichever is later, and taken weekly thereafter during each week that the unit is in operation until there are no visible emissions.
    - b) If the problem is corrected before three (3) days have passed, and no emissions are visible during the operation of the emissions unit, the Permittee shall not be required to conduct a certified Method 9 observation.
  - 2) The Permittee shall conduct a visual emissions observation for each engine and auxiliary generator, while the emissions unit is operating, at least once per month for each calendar month in which the generator or auxiliary engine operates.
  - 3) The Permittee shall log each visible emission observation and Method 9 observation, including the date and time when the observation was taken, the results of the observation, the name of the observer and any other related information.

- 4) Should a Method 9 observation be required, the opacity of the visible emissions emanating from intermittent sources shall be determined in accordance with EPA Reference Method 9, except that at least 12, rather than 24, consecutive readings shall be required at 15-second intervals for the averaging time.

[County Rules 300 and 210§302.1(c)(1)][SIP Rules 25, 30 and 31]

- E. The Permittee shall monitor for compliance with the particulate matter emissions limits of the permit by taking a visual emission observation of the stack emissions from each engine or auxiliary generator during each week of operation that the equipment was used. If emissions are visible, the Permittee shall conduct a visual emissions check in accordance with Condition D.1) above. This check shall occur within three operating days of the visible emission and taken thereafter each week when operations occur until there are no visible emissions. If the condition causing the visible emissions is eliminated before 3 days have passed, and no emissions are visible, the Permittee shall not be required to conduct the certified reading. The Control Officer may require additional emissions testing by other approved Reference Methods such as 40 CFR 60 Appendix A Method 5 and Method 202 to monitor for compliance with the particulate matter emissions limits of these permit conditions.

For purposes of these permit conditions, a certified VE reader shall mean an individual who, at the time the reading is taken, is certified according to the County Rule Appendix C, Section 3.4.

[County Rule 210§302.1c(2)][SIP Rule 31]

- F. Opacity observations for visible emissions of fugitive dust shall be conducted in accordance with techniques specified in EPA Reference Method 9 each time RACM log entry is required, except that opacity observations for intermittent visible emissions shall require 12 rather than 24 consecutive readings at 15-second intervals for the averaging time. [SIP Rule 310 §501][County Rule 310 §501]

The average wind speed determination shall be based on a 60-minute average from the nearest Division of Air Pollution Control monitoring station or as approved by the Control Officer by a wind instrument located at the site being checked.

[SIP Rule 310 §502][County Rule 310 §503]

- G. The Permittee shall monitor for compliance with the opacity requirements of these Permit Conditions for abrasive blasting by conducting a visible emission evaluation of abrasive blasting operations in accordance with EPA Reference Method 9 or EPA Reference Method 22 for blasting with no visible emissions at least once for every ten (10) hours of blasting. The visible emission evaluation of abrasive blasting operations shall be conducted in accordance with the following provisions:

- 1) Emissions from unconfined blasting shall be read at the densest point of the emission after a major portion of the spent abrasives has fallen out, at a point not less than five feet nor more than 25 feet from the impact surface from any single abrasive blasting nozzle.
- 2) Emissions from unconfined blasting employing multiple nozzles shall be judged as a single source unless it can be demonstrated by the owner or operator that each nozzle, evaluated separately, meets the emission standards of this rule.
- 3) Emissions from confined blasting shall be read at the densest point after the air contaminant leaves the enclosure. [County Rule 210 §302.1 c.][County Rule 312]

- H. The Permittee shall monitor for compliance with spray coating particulate and VOC control requirements through:

- 1) The record keeping requirements of these Permit Conditions
  - 2) The plant walk-around that shall include filter checks (where applicable) for gaps, leaks, evidence of the filter's condition, and any evidence of any coating getting blown past the filter, and
  - 3) Maintaining the spray guns in good working order and in accordance with manufacturer's specifications for 65% transfer efficiency.  
[County Rule 315][County Rule 336][SIP Rule 336]
- I. The Permittee shall monitor for compliance with the requirement to limit and control the emissions of odors through the maintenance of a log of complaints of odors detected off-site as required in the Record keeping section of these Permit Conditions.  
[County Rule 210 §302.1 c.][County Rule 320][SIP Rule 32]
  - J. The Permittee shall monitor for compliance with Operating Requirements of these Permit Conditions for solvent degreasers by conducting a visual inspection during the walk-around inspection and by record keeping. During the visual inspection the Permittee shall check and note for each degreaser:
    - 1) The positions of the cover and whether the degreaser is in use,
    - 2) That the label of General Operating Requirements is in place,
    - 3) Any instances of non-compliance of stored solvent, and
    - 4) For evidence of solvent leaking from the degreaser.  
[County Rule 210 §302.1 c.][County Rule 331][SIP Rule 34][SIP Rule 331]
  - K. The Permittee shall monitor for compliance with the architectural coating VOC limits required by these Permit Conditions through record keeping.  
[County Rule 210 §302.1 c.][County Rule 335][SIP Rule 335]
  - L. The Permittee shall provide, install, maintain and operate such air contaminant monitoring devices as are reasonable and required to determine compliance in a manner acceptable to the Control Officer, and shall supply monitoring information as directed in writing by the Control Officer. Such devices shall be available for inspection by the Control officer during all reasonable times. Monitoring and Calculations shall be in accordance with applicable EPA Reference Methods, these Permit Conditions, SIP Rule 41, and County approved test protocols.  
[SIP Rule 41]

## **21. RECORD KEEPING REQUIREMENTS**

- A. The Permittee shall maintain a copy of the current FERC-approved Tariff Agreement documenting maximum fuel sulfur content.  
[County Rule 210 §302.1 d.]
- B. The Permittee shall maintain records of fuel usage readings taken at least monthly of the dedicated flowmeter on the natural gas supply line to the site.  
[County Rule 210 §302.1.d][SIP Rule 31]
- C. The Permittee shall record the individual cumulative hours of operation for each engine and generator every month in a log.  
[County Rule 210 §302.1 d.]
- D. The Permittee shall maintain records of its walk-around inspection documenting how any containers of VOC containing materials were observed, opened or closed, and if labeled or not.

E. For VOC-containing materials subject to the Operating Requirements of these Permit Conditions citing County Rule 330 as the requirement the condition is based upon, The Permittee shall:

- 1) Maintain a current list of coatings, adhesives, makeup solvents, and any other VOC-containing materials: state the VOC content of each in pounds per gallon or grams per liter. VOC content shall be expressed less water and non-precursor compounds for materials which are not used for cleaning or cleanup.
- 2) Maintain monthly records of the amount of each coating: adhesive: makeup solvent; solvent used for surface preparation, for cleanup, and for the removal of materials; and any other VOC-containing material used.
- 3) Maintain disposal records of the type, amount, and method of disposing of VOC-containing materials on each day of disposal.

The Permittee shall use the following test methods:

- 4) Measurement of VOC content of materials shall be conducted and reported in accordance with EPA Test Method 24 (40 CFR 60, Appendix A).
- 5) Measurements of the water and exempt solvent vapor content shall be conducted in accordance with ASTM Test Methods D 4457-85 and D 3792-86.
- 6) Temperature measurements shall be done with an instrument with an accuracy and precision of less than one-half degree Fahrenheit (0.25°C) for temperatures up to 480°F (250°C). Higher temperatures shall be determined by instruments no less accurate than 1.0 percent of full scale unless the Control Officer specifies greater accuracy.

[County Rule 330 §§503, 504] [locally enforceable only]

F. The Permittee shall maintain records of all visible emission and opacity observations required by these Permit Conditions. The records shall contain the date, time, engine number, auxiliary generator number, whether operating or not, and a statement of whether visible emissions were observed from the unit during periodic visible emission and opacity readings. If any other visible emissions were observed during walk-around inspections, records shall also be kept. If a reading is performed by a certified VE observer as required by these Permit Conditions the certified VE reader's findings shall then be logged in accordance with EPA Reference Method 9. In addition to the above parameters the name, affiliation, and certification expiration date of the certified VE reader shall be logged.

[County Rule 300][SIP Rule 30]

G. The Permittee shall keep a daily written log recording the actual application or implementation of the RACM outlined in the approved Control Plan. This log and supporting documentation shall be kept on site and made available for review on request by the Control Officer or designee.

[SIP Rule 310 §503][County Rule 310 §504]

H. The Permittee shall maintain records of the following:

- 1) The dates when abrasive blasting activities are conducted, the type of abrasive material used, and the type of control measure used,
- 2) Six-month summaries of the type and amount of abrasive blasting media used, and

3) Opacity reading during the external blasting.

[County Rule 312] [locally enforceable only]

- I. The Permittee shall maintain records of surface coating and spray coating operations. Records of walk around will be maintained documenting the state of the filter, spray guns, and if any evidence of spray coating outside the booth was detected. The Permittee shall maintain a current list of surface coatings used at the facility including formulation as applied, make-up solvents and any other VOC containing material and VOC content of each in pounds per gallon.

[County Rule 315][County Rule 336][SIP Rule 336]

- J. The Permittee shall maintain a log of complaints of odors detected off-site. The log shall contain a description of the complaint, date and time that the complaint was received, and if given, name and phone number of the complainant. The log book shall describe what actions were performed to investigate the complaint, the results of the investigation, and any corrective actions that were taken.

[County Rule 210 §302.1 c. (2)][County Rule 320][SIP Rule 32]

- K. The Permittee shall maintain records pertaining to the solvent-cleaning Operating Requirements of these Permit Conditions. The Permittee shall maintain a current list of cleaning-solvents and state the VOC-content of each in pounds VOC per gallon of material or grams per liter of material. MSDSs shall be kept for all these solvents. The records shall include solvent purchase and disposal records, amount and vapor pressure. The Permittee shall maintain records of their walk-around inspections, and records of any maintenance conducted on the units.

- 1) Records of the amount of cleaning-solvent used shall be updated monthly by the end of month for the previous month. The Permittee shall show the type and amount of each make-up and all other cleaning-solvent to which the solvent-cleaning Operating Requirements of these Permit Conditions apply.

- 2) The usage records of use of concentrate that is used only in the formulation of Low VOC Cleaner shall be updated at least annually.

- 3) The Permittee need not keep a record of usage of a cleaning substance that is made by diluting a concentrate with water or non-precursor compound(s) to a level that qualifies as a Low VOC Cleaner if records of the concentrate usage are kept annually in accordance with these Permit Conditions.

- 4) For purposes of recording usage, the Permittee may give cleaning-solvents of similar VOC content a single group-name, distinct from any product names in the group. The total usage of all the products in that group is then recorded under just one name. (In such a case, the Permittee must also keep a separate list that identifies the product names of the particular solvents included under the group name). To the group name shall be assigned the highest VOC content among the members of that group, rounded to the nearest 10th of a pound of VOC per gallon of material, or to the nearest gram VOC per liter of material.

- 5) For when the Permittee uses an ECS pursuant to the solvent-cleaning requirements of these Permit Conditions, the Permittee shall maintain, in addition to the above, daily documentation showing the VOC content of the solvent material and the amount added for makeup.

[County Rule 331 §500][County Rule 331 Appendix §IV]

[SIP Rule 34][SIP Rule 331]

- L. On each day that an ECS is used to comply with any provision of these Permit Conditions relating to solvent-cleaning, the Permittee shall make a permanent record of the operating parameters of the key systems described in the O&M Plan. For each day or period in which the O&M Plan requires that maintenance be performed, a permanent record shall be made of the maintenance actions taken, within 24 hours of maintenance completion. An explanation shall be entered for scheduled maintenance that is not performed during the period designated in the O&M Plan.

[County Rule 331 Appendix §IV]

- M. The Permittee shall maintain architectural coatings records including the number of pounds of VOCs per gallon of coating, as applied, excluding water and any colorants added to the tint base.

[County Rule 335][SIP Rule 335]

- N. All records shall be in accordance with County Rule 210 §302.1 d.

[County Rule 210 §302.1 d.]

## **22. REPORTING REQUIREMENTS**

All reports required by these Permit Conditions shall be submitted to the Maricopa County Environmental Services Department, Air Quality Division, Attn.: Large Source Compliance Supervisor, unless otherwise directed. Reports shall be certified by a responsible official in accordance with these Permit Conditions.

[County Rule 210 §302.1 e. (2)]

### **A. Six-month Summary**

- 1) The Permittee shall submit a summary of records to the County every six months. The six-month Summary shall be submitted by August 1 for the January 1 through June 30 period and by February 1 for the July 1 through December 31 period.

[County Rule 210 §302.1 e. (1)][County Rule 210 §305.1 c.(1)]

Specific elements that will be summarized, and the information to be reported are as follows:

- a) Fuel Usage: The Permittee shall summarize and report records of:

- (1) Total fuel usage for the period;
- (2) Any change in any fuel quality related condition of the FERC-approved Tariff Agreement, and

[County Rule 210 §302.1 b.]

- b) Opacity: If no visible emissions were observed during the six month period addressed by the six-month summary, the Permittee shall make a statement to that effect, and include:

- (1) A list of equipment checked and found to have no visible emissions
- (2) The schedule used to check for visible emissions.

If visible emissions were observed during the six-month period addressed by the six-month summary, the Permittee shall:

- (3) Report the date and source of the visible emissions

- (4) If the emission source was corrected within 3 days and read 0% opacity using Method 22 so that no Method 9 reading was required, a statement to that effect as well as a description of the actions taken to eliminate visible emissions
  - (5) if a Method 9 opacity reading was required, the results of the readings shall be filed using a Department approved data sheet.  
[County Rule 300][SIP Rule 30][A.A.C. R18-2-719]
- c) Dust Generating Activities: The Permittee shall submit a list of any deviations from the Control Officer approved dust control plan.
  - d) Abrasive Blasting: The Permittee shall submit a summary of the visible emissions recorded during blasting, control measures utilized for abrasive blasting and dates on which blasting was performed.  
[County Rule 210 §302.1 e.][County Rule 312] [locally enforceable only]
  - e) Spray Coating: The Permittee shall submit a summary of spray coating records documenting:
    - 1) Any filter problems and corrective action taken
    - 2) Reports of evidence of spraying outside the required enclosure
    - 3) A statement of filter efficiencies used
    - 4) A statement that spray coating operations were checked for compliance with the County and SIP Rules
    - 5) Any non-compliance with applicable County and SIP Rules 336.  
[County Rule 315][County Rule 336][SIP Rule 336]
  - f) Odor Control: The Permittee shall submit:
    - 1) A copy of the log of complaints of odor or air pollution
    - 2) The results of investigations performed in response to odor or air pollution complaints and any corrective actions taken.

If no complaints were received, the Permittee may submit a statement to that effect in lieu of the copy of the log and investigations results.  
[County Rule 210 §302.1 e.][County Rule 320][SIP Rule 32]
  - g) VOCs and Solvent Cleaning: The Permittee shall submit a copy of the logs of the walk-around inspections which show any deviations from compliance with these Permit Conditions.  
[County Rule 330][County Rule 331][SIP Rule 34][SIP Rule 331]
  - h) Architectural Coatings: The Permittee shall submit a statement of whether all of the architectural coatings used during the reporting period met the VOC content requirements of these Permit Conditions. If any coatings used were exempt from meeting the VOC requirements, provide a list of the exempt coatings and the justification for their exemption.  
[County Rule 335][SIP Rule 335]

- i) The Permittee shall include in the six-month summary, reports clearly identifying all instances of deviations from these Permit Conditions. [County Rule 210 §302.1 e.]
- B. The Permittee shall notify the Division in writing Department attention: Air Quality Technical Services Unit Manager contemporaneously upon initial start-up of each engine and auxiliary generator that occurs after the issue date of these Permit Conditions. The Control Officer reserves the right to test engines when brought back into service giving reasonable notice.

For the purposes of these Permit Conditions initial start-up shall be defined as:

For a compressor engine: when the engine is run, used to compress natural gas, and the natural gas compressed is moved downstream through the Permittee's pipeline towards the next compressor station, for the first time after the issue date of these Permit Conditions.

For an auxiliary generator engine: when the engine is run and used to generate electricity for use for the first time after the issue date of these Permit Conditions.[County Rule 210 §302.1 e.]

- C. In the case that a permit is issued to operate portable equipment including, but not limited to sandblasting equipment, rock crushers, screens and conveyers at more than one location in the County requiring erection or assembly at the site, the Permittee shall notify the Control Officer in writing prior to each change of location of the equipment. The permit shall become invalid for failure to notify the Control Officer. [SIP Rule 26]

## **23. TESTING**

- A. The Permittee will conduct a source test of the engines for the mass emission rates of Carbon Monoxide, CO, and Oxides of Nitrogen, NOx, within 60 days after start-up but not later than 180 days after start-up of each engine. The test shall be conducted using appropriate EPA methods and in accordance with an approved test protocol. The test protocol shall be submitted at least 30 days prior to the test for review and approval. Approval shall be in writing by the Division. Operational parameters the Permittee deems measurable, and capable of later indicating that the units are operating properly, shall be listed in the protocol and recorded during testing. The Permittee shall notify the Division in writing at least ten days ahead of the performance test to allow Division representatives to be present during testing. The notice shall include the date and time that the testing is to be conducted.

The Control Officer may choose to test less than all of the 15 compressor engines and 3 auxiliary generator engines. The selection of which engine or engines that shall be tested will be at the discretion of the Control Officer. The Control Officer reserves the right to test all engines or all that are capable of being in service at the time of testing.

The Permittee shall notify the Division in writing contemporaneously upon start-up of all engines and auxiliary generators that were not capable of being in service or on-line during previous source testing. The Control Officer reserves the right to require testing of the not capable engine when brought back into service.

Within 45 days after the completion of the performance test, a copy of all test results shall be submitted to the Division for review and approval.

Test protocol including fees in accordance with County Rule 280, performance test notification, and the copy of all test results submitted to the Department shall be to the attention: Air Quality Technical Services Unit Manager.



The Permittee shall conduct subsequent tests of the engines for NOx and CO at such times as may be required by the Control Officer. If a limited number of the available engines are tested, the results of these tests will be assumed to be representative of all engines in that class which exist at the facility. If the Permittee is unwilling to accept limited testing as being representative of the site, the Permittee may choose to test a larger number of units, but the selection of the actual units to be tested shall be done by the department.

[SIP Rule 27][County Rule 270]

- B. If the Permittee must test a source per Permit Condition #20.E in order to monitor for compliance with particulate matter limitations of these Permit Conditions the Permittee shall:

1) Test for PM10 emissions using the appropriate EPA reference method

2) Contemporaneously test for opacity using EPA Reference Method 9.

[County Rule 270][County Rule 311][SIP Rule 27][SIP Rule 311]

- C. If there is reason to believe that there is lead paint on the surface to be abraded then testing for lead content should be performed if the use of a CARB certified material is to be used as a control measure in accordance with the abrasive blasting requirements of these Permit Conditions.

[County Rule 270][County Rule 312]

- D. This Permit Condition describes the compliance determination and test methods for the solvent cleaning related requirements of these Permit Conditions. When more than one test method is permitted for a determination, an exceedance of the limits established in these Permit Conditions determined by any of the applicable test methods constitutes a violation.

- 1) The following means shall be used to determine compliance with these Permit Conditions. For routine information collection, the Control Officer may accept a manufacturers data sheet, data certified by an officer of the supplying company, or test data for the product model of inquiry.

[County Rule 331 §502.1]

- a) VOC Content: The VOC content of solutions, dispersions, emulsions, and conforming solvents (refer to County Rule 331 §207) shall be determined by one of the following methods:

(1) South Coast Air Quality Management District Method 313 91 as referenced in subsection 502.2f; or

(2) Bay Area Air Quality Management District Method 31 as referenced in subsection 502.2e; or

(3) Solids-free solutions, in which all organic components are VOCs, may be tested using Maricopa County Reference Method #100, "Total Organic Carbon for Windshield Washer Fluids", County Rule 344 (April 7, 1999).

[County Rule 331 §502.1 a.]

- b) Vapor Pressure: Pursuant to County Rule 331 §207, determination of the total VOC vapor-pressure (VOC composite partial-pressure) in a cleaning solution shall be performed as follows:

- (1) For solutions known to be nearly or exactly 100 percent VOC, vapor pressure shall be determined by ASTM D2879-92 as referenced in subsection 502.2g; or
- (2) For solutions for which is known the exact quantity and chemical makeup of each evaporating component that is not a VOC, ASTM D2879-92 (referencing subsection 502.2g) shall be used (to determine the gross composite vapor pressure) in conjunction with calculations using the vapor-pressure formula in Section 21.L.3) of this Permit Condition.
- (3) When a solution's exact species and proportions are known for all ingredients, the Control Officer may use the formula in conjunction with standard reference texts or data-bases that provide the vapor pressure value of each constituent, or a combination of formula use and actual testing on real constituents (referencing subsection 502.2g).

[County Rule 331 §502.1 b.]

c) ECS Compliance:

- (1) The VOC content of gaseous emissions entering and exiting an ECS shall be determined by either EPA Method 18 referred to in subsection 502.2b, or EPA Method 25 or its submethod, referred to in subsection 502.2c.
- (2) Capture efficiency of an emission control device used pursuant to these Permit Conditions shall be determined either by the methods in 502.2d (EPA Method 204 and its submethods), or by using mass balance calculation methods in concert with the methods in 502.2a (EPA Methods 2, 2a, 2c, and 2d).

[County Rule 331 §502.1 c.]

- d) Temperature Measurement: Temperature measurements made pursuant to County Rule 331 §214 to determine if a cleaning machine contains a "heated solvent" shall be done with an instrument having an accuracy and precision of no less than 1 degree Fahrenheit.

[County Rule 331 §502.1 d.]

- 2) Test Methods Adopted By Reference: The EPA test methods as they exist in the Code of Federal Regulations (CFR) (July 1, 1998), as listed below, are adopted by reference. The other test methods listed here are also adopted by reference, each having paired with it a specific date that identifies the particular version/revision of the method that is adopted by reference. These adoptions by reference include no future editions or amendments. Copies of test methods referenced in this Permit Condition are available at the Maricopa County Environmental Services Department, 1001 North Central Avenue, Phoenix, AZ, 85004-1942.

- a) EPA Methods 2 ("Determination of Stack Gas Velocity and Volumetric Flow Rate"), 2a ("Direct Measurement of Gas Volume Through Pipes and Small Ducts"), 2c ("Determination of Stack Gas Velocity and Volumetric Flow rate in Small Stacks or Ducts"), and 2d ("Measurement of Gas volumetric Flow Rates in Small Pipes and Ducts"). All 4 of the foregoing methods are in 40 CFR 60, Appendix A.
- b) EPA Method 18 ("Measurement of Gaseous Organic Compound Emissions by Gas Chromatography") and its submethods (40 CFR 60, Appendix A).
- c) EPA Method 25 ("Determination of Total Gaseous Non-methane Organic Emissions as Carbon") and its submethods (40 CFR 60, Appendix A).

- d) EPA Test Methods 204 (“Criteria For and Verification of a Permanent or Temporary Total Enclosure”), 204a, 204b, 204c, 204d, 204e, and 204f (Appendix M, 40 CFR 51).
  - e) California’s Bay Area Air Quality Management District (BAAQMD) Method 31 (April 15, 1992), “Determination of Volatile Organic Compounds in Paint Strippers, Solvent Cleaners, and Low Solids Coatings”.
  - f) California’s South Coast Air Quality Management District (SCAQMD) Method 313-91 (April 1997).
  - g) American Society for Testing and Materials (ASTM) Method D2879-92 (1992).  
[County Rule 331 §502.2]
- 3) FORMULA FOR VOC COMPOSITE PARTIAL PRESSURE: Equivalent to: TOTAL VOC VAPOR-PRESSURE.

$$PP_c = \frac{\sum_{i=1}^n (W_i)(VP_i) / MW_i}{\frac{W_w}{18} + \sum_{j=1}^m \frac{W_{ej}}{MW_{ej}} + \sum_{i=1}^n \frac{W_i}{MW_i}}$$

$W_i$  = Weight of the “i”th VOC compound in grams

$W_w$  = Weight of water in grams

$W_{ej}$  = Weight of the “j”th non-precursor compound in grams

$MW_i$  = Molecular weight of the “i”th VOC compound grams per gram mole, e.g., one gram-mole of isopropyl alcohol weighs 60 grams

$MW_{ej}$  = Molecular weight of the “j”th non-precursor compound, e.g., 1 gram-mole of acetone weighs 58 grams

$PP_c$  = VOC composite partial pressure at 20°C in mm mercury (Hg)

$VP_i$  = Vapor pressure of the “i”th VOC compound at 20°C in mm Hg

18 = Weight of one gram-mole of water

[County Rule 331 §502.3]

**APPENDIX A: EQUIPMENT LIST**  
**El Paso Natural Gas Company, Gila Compressor Station**  
**Permit Number V95-011**

<b>Equipment Description</b>	<b>Equipment Number</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Rated Capacity</b>	<b>Serial Number</b>	<b>Fuel Type</b>	<b>Date of Installation</b>
Engine	A-1	Clark	BA-5	1000 hp	35550	Natural gas	1948
Engine	A-2	Clark	BA-5	1000 hp	35546	Natural gas	1948
Engine	A-3	Clark	BA-5	1000 hp	35547	Natural gas	1948
Engine	A-4	Clark	BA-5	1000 hp	35545	Natural gas	1948
Engine	A-5	Clark	BA-5	1000 hp	35549	Natural gas	1948
Engine	A-6	Clark	BA-5	1000 hp	35552	Natural gas	1948
Engine	A-7	Clark	BA-5	1000 hp	35548	Natural gas	1948
Engine	A-8	Clark	BA-5	1000 hp	35569	Natural gas	1948
Engine	A-9	Clark	BA-5	1000 hp	35551	Natural gas	1948
Engine	A-10	Clark	BA-5	1000 hp	35553	Natural gas	1948
Engine	A-11	Clark	BA-5	1000 hp	35544	Natural gas	1949
Engine	A-12	Clark	BA-5	1000 hp	35570	Natural gas	1949
Engine	A-13	Clark	HBA-5	1100 hp	35572	Natural gas	1949
Engine	A-14	Clark	HLA-8	2000 hp	54027	Natural gas	1949
Engine	A-15	Clark	HLA-8	2000 hp	54026	Natural gas	1949
Auxiliary Generator	Aux-1	Worthington	CCG-8	550 hp	G-1681	Natural gas	1948
Auxiliary Generator	Aux-2	Worthington	CCG-8	550 hp	G-1689	Natural gas	1948
Auxiliary Generator	Aux-3	Worthington	CCG-8	550 hp	G-1690	Natural gas	1948

**APPENDIX B: PERMIT SHIELD**  
**El Paso Natural Gas Company, Gila Compressor Station**  
**Permit Number V95-011**

Identified below are all federal, state and local air pollution control requirements applicable to El Paso Natural Gas Company, Gila Compressor Station at the time the permit was issued that the source requested to be shielded from. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of the permit issuance included in this Appendix B, "Permit Shield", of this permit.

**County Enforceable Requirements**

Maricopa County Air Pollution Control Regulations

**Regulation I - General Provisions**

Rule 100	General Provisions and Definitions	(7/26/00 revision)
§104	Circumvention	
§105	Right of Inspection of Premises	
§106	Right of Inspection of Records	
§301	Air Pollution Prohibited	
§302	Applicability of Multiple Emission Limits	
§401	Certification of Truth, Accuracy and Completeness	
§402	Confidentiality of Information	
§501	Reporting Requirements	
§502	Data Reporting	
§503	Emission Statements as Stated in the Act	
§504	Retention of Records	
§505	Annual Emission Inventory Report	
Rule 130	Emergency Provisions	(7/26/00 adoption)
§402.4	Administrative Requirements	
Rule 140	Excess Emissions	(7/26/00 adoption)
§401	Administrative Requirements	
§402	Administrative Requirements	
§500	Monitoring and Records	

**Regulation II - Permits and Fees**

Rule 200	Permit Requirements	(5/20/98 revision)
§301	Permits Required	
§305	Earth Moving Permit	
§306	Permit to Burn	
§308	Standards for Applications	
§309	Permit Conditions	
§310	Prohibition – Permit Modifications	
§311	Permit Posting Required	
§403.2	Permit Renewal and Expiration	
§404	Permit Transfers	
§407	Air Quality Impact Models	
§408	Testing Procedures	
§409	Permit Fees	

§411 Public Records: Confidentiality

Rule 210	Title V Permit Provisions	(5/20/98 revision)
§301.1	Permit Application Procedure: Standard Permit Application Form and Required Information	
§301.2a,c	Permit Application Procedure	
§301.4a,b,c,d,f, & h	Permit Application Procedure	
§301.5	Permit Application Procedure	
§301.6	Permit Application Procedure: Duty to Supplement or Correct Application	
§301.8.b.4	Permit Application Procedure: Action on an Application	
§301.9	Permit Application Procedure: Requirement for a Permit	
§302.1.a,b,c,d,e,f,g,h,i,& j	Permit Contents	
§302.3	Permit Contents	
§303.1.a	Permit Review by the EPA and Affected States	
§303.2	Permit Review by the EPA and Affected States	
§305.1.a(3),b(1),c,d,f & g	Compliance Plan, Certification	
§401	Fees Required	
§402	Permit Term	
§405.4	Minor Revisions: EPA and Affected State Notification	
§405.7	Minor Revisions: Permit Shield	
§406.4	Significant Permit Revisions	
§407	Permit Shields	

Rule 270	Performance Tests	(11/15/93 adoption)
§300	Performance Tests Required	
§400	Administrative Requirements	
§402	Testing Criteria	
§405	Testing Facilities Required	

**Regulation III - Control of Air Contaminants**

Rule 300	Visible Emissions	(8/5/94 revision)
§301	Limitations – Opacity/General	
§501	Compliance Determination - Opacity	
§502	Compliance Determination – Opacity of Visible Emissions from Intermittent Sources	

Rule 310	Fugitive Dust Sources	(2/16/00 revision)
§301.3	Opacity Limitation for Fugitive Dust Sources: Wind Event	
§302	Stabilization Requirements for Fugitive Dust Sources	
§303	Dust Control Plans Required	
§304	Elements of a Dust Control Plan	
§305	Dust Control Plan Revisions	
§308.1	Work Practices: Bulk Material Hauling Off-Site Onto Paved Public Roads	
§308.2	Work Practices: Bulk Material Hauling On-Site Within the Boundaries of the Work Site	
§308.3	Work Practices: Spillage, Carry-out, Erosion, and/or Trackout	
§308.4	Work Practices: Unpaved Haul/Access Roads	
§308.5	Work Practices: Easements, Rights of Way, and Access Roads for Utilities (Electricity, Natural Gas, Oil, Water, and Gas Transmission) Associated with Sources That Have a Non-Title V Permit, a Title V Permit, and/or a General Permit Under These Rules	
§401	Dust Control Plan Posting	
§502	Recordkeeping	
§503	Records Retention	

Rule 310.01	Fugitive Dust from Open Areas, Vacant Lots, Unpaved Parking Lots, and Unpaved Roadways (2/16/00 revision)
§301	Vehicle Use in Open Areas and Vacant Lots
§302	Open Areas and Vacant Lots
§303	Unpaved Parking Lots
Rule 312	Abrasive Blasting (7/13/88 revision)
§301	Limitations – 20 Percent Opacity
§302.1	Controls Required: Confined Blasting
§302.2	Controls Required: Wet Abrasive Blasting
§302.3	Controls Required: Hydroblasting
§501	Visible Emission Evaluation Techniques
Rule 314	Open Outdoor Fires (7/13/88 revision)
§301	Prohibition – Outdoor Fires
§302	Exemptions
§401	Fees Required
§402	Fire Department Validation Required
Rule 315	Spray Coating Operations (11/17/99 revision)
§301	Controls Required
§302	Exemptions
Rule 320	Odors and Gaseous Air Contaminants (7/13/88 revision)
§300	Standards
§302	Material Containment Required
§303	Reasonable Stack Height Required
§304	Limitation- Hydrogen Sulfide
§307	Limitation – Sulfur form Other Industries
§309	Operating Requirements – Asphalt Kettles and Dip Tanks
§310	Carbon Monoxide
Rule 330	Volatile Organic Compounds (6/19/96 revision)
§302	Limitations – Non-Complying Solvents
§305	Equipment Cleanup
§306	VOC Containment and Disposal
§307	Exemptions
§503	Record Keeping and Reporting
§504	Test Methods
Rule 331	Solvent Cleaning (4/7/99 revision)
§301	Solvent Handling Requirements
§307	Special Non-Vapor Cleaning Situations
§308	Exemptions
§309	Requirements for Air Pollution Control Equipment and ECS Monitoring Equipment
§500	Monitoring and Records
§502.1	Compliance Determination and Test Methods: Compliance Determination
Rule 331	Solvent Cleaning (4/7/99 revision)
§502.2	Compliance Determination and Test Methods: Test Methods Adopted by Reference
§502.3	Compliance Determination and Test Methods: Formula for VOC Composite Partial Pressure

Appendix Appendix to Rule 331

Rule 335	Architectural Coatings	(7/13/88 adoption)
§301	Prohibition – Bituminous Pavement Sealers	
§302	Interim Limits – Non-Flat Architectural Coatings	
§303	Final Limits – Non-Flat Architectural Coatings	
§304	Limits – Flat Architectural Coatings	
§305	Limits – Specialty Coatings	
§306	Exemptions – Specific-Use Coating	
§307	Exemptions – Small Containers	
§401	Labeling Required	
§402	Manufacture Date Required	

Rule 336	Surface Coating Operations	(4/07/99 revision)
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**Regulation IV – The Hearing Board**

Rule 400	Procedure Before the Hearing Board	(11/15/93 adoption)
§401	Hearing on Order of Abatement	



## **Federally Enforceable Requirements**

### **Federal Code of Regulations**

40 CFR Part 82	Protection of Stratospheric Ozone
82.156	Required Practices
82.158	Standards for Recycling and Recovery Equipment
82.161	Technician Certification

### **Maricopa County State Implementation Plan (as of 4/14/99)**

#### **Regulation I – General Provisions**

Rule 3	Air Pollution Prohibited
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#### **Regulation II - Permits**

Rule 21	Permits
Rule 22	Permit Denial – Action – Transfer – Posting – Revocation – Compliance – Expiration
22.F	Posting of Permit
22.H	Compliance with Other Laws and Regulations
Rule 23	Permit Classes
Rule 25	Emissions Test Methods
Rule 26	Air Quality Models
Rule 26	Portable Equipment
Rule 27	Performance Tests

#### **Regulation III - Control of Air Contaminants**

Rule 30	Visible Emissions
Rule 31	Emissions of Particulate Matter
Rule 32	Odors and Gaseous Emissions
Rule 34	Organic Solvents VOC
§E.2 & E.3	Spray Paint and Other Surface Coating Operations
§I.3	Exemptions
Rule 310	Open Fugitive Dust Sources
§301	Limitation – Opacity
§302	Dust Generating Operations – Permits Required
§303	Control Plan Required
§304	Control Plan Revision
§305	Vehicle Use in Open Areas and Vacant Parcels

(9/20/94 revision)

§306	Unpaved Parking Areas/Staging Areas
§307	Unpaved Haul/Access Roads
§308	Disturbed Surface Areas
§309	Vacant Areas
§310	Material Handling
§311	Material Transport
§312	Roadways, Streets and Alleys
§313	Erosion, Sedimentation and Deposition of Bulk Materials onto Paved Surfaces
§401.2	
§401.3	
§403	

#### **Regulation IV - Production of Records: Monitoring, Testing and Sampling Facilities**

Rule 40	Recordkeeping and Reporting
Rule 41	Monitoring
§A	
Rule 42	Testing and Sampling
§A	
Rule 43	Right of Inspection